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<input type="checkbox"/>	L9	L8 AND CCR5	196
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<input type="checkbox"/>	L6	Mansfield-Brian.IN.	1
<input type="checkbox"/>	L5	Mansfield.IN.	1666
<input type="checkbox"/>	L4	Coleman-T.In.	8
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=> S CCR5  
44 FILES SEARCHED...  
L1 29918 CCR5

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49 FILES SEARCHED...  
L2 1996 L1 AND SOLUBLE

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55 FILES SEARCHED...

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L4 246 L3 AND PY<=2001

=> D L4 1-246

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AN 1999:51404 ADISCTI

DN 800792875

TI Allo-immunization elicits CD8+ T cell-derived chemokines, HIV suppressor  
factors and resistance to HIV infection in women.

ADIS TITLE: Vaccines: pharmacodynamics.

Upregulation of chemokines and suppression of HIV infectivity

Allogeneic vaccination in women who had experienced spontaneous abortion.

AU Wang Y; Tao L; Mitchell E; Bravery C; Berlingieri P; et al.

CS Guy's, King's and St. Thomas' Medical and Dental Schools at Guy's  
Hospital, London, England.

SO Nature Medicine (Sep 1, 1999), vol. 5, pp. 1004-1009

DT Study

RE Vaccines| Antivirals

FS Summary

LA English

WC 516

L4 ANSWER 2 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2002:425382 BIOSIS

DN PREV200200425382

TI Expression and characterization of a single-chain polypeptide analogue of  
the human immunodeficiency virus type 1 gp120-CD4 receptor complex.

AU Fouts, Timothy R.; Tuskan, Robert; Godfrey, Karla; Reitz, Marvin; Hone,  
David; Lewis, George K.; DeVico, Anthony L. [Reprint author]

CS Institute of Human Virology, University of Maryland, 725 West Lombard St.,  
Rm. N649, Baltimore, MD, 21201, USA  
devico@umbi.umd.edu

SO Journal of virology, (December, 2000) Vol. 74, No. 24, pp. 11427-11436.  
print.

CODEN: JOVIAM. ISSN: 0022-538X.

DT Article

LA English

ED Entered STN: 7 Aug 2002

Last updated on STN: 7 Aug 2002

L4 ANSWER 3 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2002:163398 BIOSIS

DN PREV200200163398

TI gp120 induces cell death in human neuroblastoma cells through the CXCR4  
and \*\*\*CCR5\*\*\* chemokine receptors.

AU Catani, M. Valeria; Corasaniti, M. Tiziana; Navarra, Michele; Nistico,  
Giuseppe; Finazzi-Agro, Alessandro; Melino, Gerry [Reprint author]

CS Biochemistry Laboratory, IDI-IRCCS, c/o Department of Experimental  
Medicine, University of Rome Tor Vergata, Via Tor Vergata 135, D26/F153,  
00133. Rome. Italy

SO Journal of Neurochemistry, (June, 2000) Vol. 74, No. 6, pp. 2373-2379.  
print.  
CODEN: JONRA9. ISSN: 0022-3042.

DT Article  
LA English  
ED Entered STN: 21 Feb 2002  
Last Updated on STN: 26 Feb 2002

L4 ANSWER 4 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:463037 BIOSIS  
DN PREV200100463037

TI Extensive repertoire of membrane-bound and \*\*\*soluble\*\*\* dendritic  
cell-specific ICAM-3-grabbing nonintegrin 1 (DC-SIGN1) and DC-SIGN2  
isoforms. Inter-individual variation in expression of DC-SIGN transcripts.

AU Mummidi, Srinivas; Catano, Gabriel; Lam, LeeAnn; Hoefle, Angelina; Telles,  
Vanessa; Begum, Kazi; Jimenez, Fabio; Ahuja, Seema S.; Ahuja, Sunil K.  
[Reprint author]

CS Division of Infectious Diseases, Dept. of Medicine, University of Texas  
Health Science Center at San Antonio, San Antonio, TX, 78229-3900, USA  
ahuja@uthscsa.edu

SO Journal of Biological Chemistry, (August 31, 2001) Vol. 276, No. 35, pp.  
33196-33212. print.  
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article  
LA English

OS Genbank-AC008812; Genbank-AY042221; Genbank-AY042222; Genbank-AY042223;  
Genbank-AY042224; Genbank-AY042225; Genbank-AY042226; Genbank-AY042227;  
Genbank-AY042228; Genbank-AY042229; Genbank-AY042230; Genbank-AY042231;  
Genbank-AY042232; Genbank-AY042233; Genbank-AY042234; Genbank-AY042235;  
Genbank-AY042236; Genbank-AY042237; Genbank-AY042238; Genbank-AY042239;  
Genbank-AY042240; Genbank-M98457

ED Entered STN: 3 Oct 2001  
Last Updated on STN: 25 Feb 2002

L4 ANSWER 5 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:452535 BIOSIS  
DN PREV200100452535

TI Chemokine receptor expression by human syncytiotrophoblast.

AU Douglas, Gordon C. [Reprint author]; Thirkill, Twanda L.; Sideris, Vicky;  
Rabieh, Mona; Trollinger, Donna; Nuccitelli, Richard

CS Department of Cell Biology and Human Anatomy, School of Medicine,  
University of California, Tupper Hall, Davis, CA, 95616-8643, USA  
gcdouglas@ucdavis.edu

SO Journal of Reproductive Immunology, (February, 2001) Vol. 49, No. 2, pp.  
97-114. print.  
CODEN: JRIMDR. ISSN: 0165-0378.

DT Article  
LA English  
ED Entered STN: 26 Sep 2001  
Last Updated on STN: 25 Feb 2002

L4 ANSWER 6 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:443690 BIOSIS  
DN PREV200100443690

TI Apoptotic effects in primary human umbilical vein endothelial cell  
cultures caused by exposure to virion-associated and cell  
membrane-associated HIV-1 gp120.

AU Huang, Ming-Bo; Khan, Mahfuz; Garcia-Barrio, Minerva; Powell, Michael;  
Bond, Vincent C. [Reprint author]

CS Department of Microbiology, Biochemistry, and Immunology, Morehouse School  
of Medicine, 720 Westview Drive S.W., Atlanta, GA, 30310-1495, USA  
bond@msm.edu

SO JAIDS Journal of Acquired Immune Deficiency Syndromes, (July 1, 2001) Vol.  
27, No. 3, pp. 213-221. print.  
ISSN: 1525-4135.

DT Article  
LA English  
ED Entered STN: 19 Sep 2001  
Last Updated on STN: 22 Feb 2002

L4 ANSWER 7 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:419993 BIOSIS  
DN PREV200100419993

TI Protection of neutralization epitopes in the V3 loop of oligomeric human  
immunodeficiency virus type 1 glycoprotein 120 by N-linked

AU Losman, Britt; Bolmstedt, Anders; Schonning, Kristian; Bjorndal, Asa;  
Westin, Charlotta; Fenyo, Eva Maria; Olofsson, Sigvard [Reprint author]  
CS Department of Clinical Virology, University of Goteborg, Guldhedsgatan 10  
B, S-413 46, Goteborg, Sweden  
sigvard.olofsson@microbio.gu.se  
SO AIDS Research and Human Retroviruses, (July 20, 2001) Vol. 17, No. 11, pp.  
1067-1076. print.  
CODEN: ARHRE7. ISSN: 0889-2229.  
DT Article  
LA English  
ED Entered STN: 5 Sep 2001  
Last Updated on STN: 23 Feb 2002

L4 ANSWER 8 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:391189 BIOSIS  
DN PREV200100391189  
TI Interactions between HIV-1 gp120, chemokines, and cultured adult  
microglial cells.  
AU Albright, Andrew V. [Reprint author]; Martin, Julio; O'Connor, Michael;  
Gonzalez-Scarano, Francisco  
CS Dept. of Neurology, University of Pennsylvania School of Medicine, 415  
Curie Boulevard, 255 Clinical Research Building, Philadelphia, PA,  
19104-6146, USA  
albrigh@mail.med.upenn.edu  
SO Journal of Neurovirology, (June, 2001) Vol. 7, No. 3, pp. 196-207. print.  
ISSN: 1355-0284.  
DT Article  
LA English  
ED Entered STN: 15 Aug 2001  
Last Updated on STN: 22 Feb 2002

L4 ANSWER 9 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:351656 BIOSIS  
DN PREV200100351656  
TI Role of CC chemokines and chemokine receptors in corneal Langerhans cell  
migration.  
AU Yamagami, S. [Reprint author]; Miyamoto, K. [Reprint author]; Hamrah, P.  
[Reprint author]; Miyazaki, D. [Reprint author]; Dana, M. D. [Reprint  
author]  
CS Laboratory of Immunology, Schepens Eye Research Institute, Harvard Medical  
School, Boston, MA, USA  
SO IOVS, (March 15, 2001) Vol. 42, No. 4, pp. S575. print.  
Meeting Info.: Annual Meeting of the Association for Research in Vision  
and Ophthalmology. Fort Lauderdale, Florida, USA. April 29-May 04, 2001.  
Association for Research in Vision and Ophthalmology.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 25 Jul 2001  
Last Updated on STN: 19 Feb 2002

L4 ANSWER 10 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:323855 BIOSIS  
DN PREV200100323855  
TI Mapping the determinants of the \*\*\*CCR5\*\*\* amino-terminal sulfopeptide  
interaction with \*\*\*soluble\*\*\* human immunodeficiency virus type 1  
gp120-CD4 complexes.  
AU Cormier, Emmanuel G.; Tran, Diep N. H.; Yukhayeva, Liyana; Olson, William  
C.; Dragic, Tatjana [Reprint author]  
CS Microbiology and Immunology Department, Albert Einstein College of  
Medicine, 1300 Morris Park Ave., Bronx, NY, 10461, USA  
tdragic@aecom.yu.edu  
SO Journal of Virology, (June, 2001) Vol. 75, No. 12, pp. 5541-5549. print.  
CODEN: JOVIAM. ISSN: 0022-538X.  
DT Article  
LA English  
ED Entered STN: 11 Jul 2001  
Last Updated on STN: 19 Feb 2002

L4 ANSWER 11 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:318829 BIOSIS  
DN PREV200100318829  
TI Structural and functional analysis of the RANTES-glycosaminoglycans  
interactions.  
AU Martin, Loic; Blandpain, Cedric; Garnier, Pascale; Wittamer, Valerie;

CS Departement d'Ingenierie et d'Etudes des Proteines, CEA (Commissariat a  
l'Energie Atomique) Saclay, F-91191, Gif-sur-Yvette, France  
claudio.vita@cea.fr

SO Biochemistry, (May 29, 2001) Vol. 40, No. 21, pp. 6303-6318. print.  
CODEN: BICHAW. ISSN: 0006-2960.

DT Article  
LA English  
ED Entered STN: 4 Jul 2001  
Last Updated on STN: 19 Feb 2002

L4 ANSWER 12 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:280324 BIOSIS  
DN PREV200100280324  
TI Regulation of human immunodeficiency virus type 1 infection,  
beta-chemokine production, and \*\*\*CCR5\*\*\* expression in  
CD40L-stimulated macrophages: Immune control of viral entry.

AU Cotter, Robin L.; Zheng, Jialin [Reprint author]; Che, Myhanh; Niemann,  
Douglas; Liu, Ying; He, Johnny; Thomas, Elaine; Gendelman, Howard E.

CS Center for Neurovirology and Neurodegenerative Disorders, 985215 Nebraska  
Medical Center, Omaha, NE, 68198-5215, USA  
jzheng@unmc.edu

SO Journal of Virology, (May, 2001) Vol. 75, No. 9, pp. 4308-4320. print.  
CODEN: JOVIAM. ISSN: 0022-538X.

DT Article  
LA English  
ED Entered STN: 13 Jun 2001  
Last Updated on STN: 19 Feb 2002

L4 ANSWER 13 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:269589 BIOSIS  
DN PREV200100269589  
TI Host determinants in HIV infection and disease: Part 2: Genetic factors  
and implications for antiretroviral therapeutics.

AU Hogan, Christine M. [Reprint author]; Hammer, Scott M.

CS Division of Infectious Diseases, College of Physicians and Surgeons,  
Columbia University, 630 West 168th Street, New York, NY, 10032, USA  
ch358@columbia.edu

SO Annals of Internal Medicine, (15 May, 2001) Vol. 134, No. 10, pp. 978-996.  
print.  
CODEN: AIMEAS. ISSN: 0003-4819.

DT Article  
General Review; (Literature Review)

LA English  
ED Entered STN: 6 Jun 2001  
Last Updated on STN: 19 Feb 2002

L4 ANSWER 14 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:189179 BIOSIS  
DN PREV200100189179  
TI Increased neutralization sensitivity of CD4-independent human  
immunodeficiency virus variants.

AU Kolchinsky, Peter; Kiprilov, Enko; Sodroski, Joseph [Reprint author]

CS Department of Cancer Immunology and AIDS, Dana-Farber Cancer Institute, 44  
Binney St., JFB 824, Boston, MA, 02115, USA  
joseph\_sodroski@dfci.harvard.edu

SO Journal of Virology, (March, 2001) Vol. 75, No. 5, pp. 2041-2050. print.  
CODEN: JOVIAM. ISSN: 0022-538X.

DT Article  
LA English  
ED Entered STN: 20 Apr 2001  
Last Updated on STN: 18 Feb 2002

L4 ANSWER 15 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:175277 BIOSIS  
DN PREV200100175277  
TI V3 induces in human normal cell populations an accelerated  
macrophage-mediated proliferation-apoptosis phenomenon of effector T cells  
when they respond to their cognate antigen.

AU Zafiropoulos, Alexis; Baritaki, Stavroula; Sioumpara, Maria; Spandidos,  
Dimitrios A.; Krambovitis, Elias [Reprint author]

CS Dept. of Applied Biochemistry and Immunology, IMBB FORTH, Heraklion,  
Crete, 711 10, Greece  
krambo@imbb.forth.gr

SO Biochemical and Biophysical Research Communications, (February 16, 2001)  
Vol. 281. No. 1. pp. 63-70. print.

DT Article  
LA English  
ED Entered STN: 11 Apr 2001  
Last Updated on STN: 18 Feb 2002

L4 ANSWER 16 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:152242 BIOSIS  
DN PREV200100152242  
TI Glycans are involved in RANTES binding to \*\*\*CCR5\*\*\* positive as well  
as to \*\*\*CCR5\*\*\* negative cells.  
AU Mbemba, Elisabeth; Slimani, Hocine; Atemezem, Aurelie; Saffar, Line;  
Gattegno, Liliane [Reprint author]  
CS Laboratoire de Biologie Cellulaire JE 2138, Faculte de Medecine,  
Universite Paris XIII, 74 Rue Marcel Cachin, 93017, Bobigny, France  
liliane.gattegno@jvr.ap-hop-paris.fr  
SO Biochimica et Biophysica Acta, (9 February, 2001) Vol. 1510, No. 1-2, pp.  
354-366. print.  
CODEN: BBACAQ. ISSN: 0006-3002.

DT Article  
LA English  
ED Entered STN: 28 Mar 2001  
Last Updated on STN: 15 Feb 2002

L4 ANSWER 17 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:127610 BIOSIS  
DN PREV200100127610  
TI HIV type 1 molecular clones able to use the Bonzo/STRL-33 coreceptor for  
virus entry.  
AU Zhang, Yi-Jun; Zhang, Linqi; Ketas, Tom; Korber, Bette T. M.; Moore, John  
P. [Reprint author]  
CS Department of Microbiology and Immunology, w/805, Joan and Sanford I.  
Weill Medical College, Cornell University, 1300 York Avenue, New York, NY,  
10021, USA  
jpm2003@med.cornell.edu  
SO AIDS Research and Human Retroviruses, (February 10, 2001) Vol. 17, No. 3,  
pp. 217-227. print.  
CODEN: ARHRE7. ISSN: 0889-2229.

DT Article  
LA English  
ED Entered STN: 14 Mar 2001  
Last Updated on STN: 15 Feb 2002

L4 ANSWER 18 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:84130 BIOSIS  
DN PREV200100084130  
TI CD4-dependent and CD4-independent utilization of coreceptors by human  
immunodeficiency viruses type 2 and simian immunodeficiency viruses.  
AU Liu, Hui-yu; Soda, Yasushi; Shimizu, Nobuaki; Haraguchi, Yuji; Jinno,  
Atsushi; Takeuchi, Yasuhiro; Hoshino, Hiroo [Reprint author]  
CS Department of Virology and Preventive Medicine, Gunma University School of  
Medicine, 3-39-22 Showa-machi, Maebashi, Gunma, 371-8511, Japan  
hoshino@med.gunma-u.ac.jp  
SO Virology, (December 5, 2000) Vol. 278, No. 1, pp. 276-288. print.  
CODEN: VIRLAX. ISSN: 0042-6822.

DT Article  
LA English  
ED Entered STN: 14 Feb 2001  
Last Updated on STN: 12 Feb 2002

L4 ANSWER 19 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:50884 BIOSIS  
DN PREV200100050884  
TI \*\*\*Soluble\*\*\* glycosaminoglycans do not potentiate RANTES antiviral  
activity on the infection of primary macrophages by human immunodeficiency  
virus type 1.  
AU Ylisastigui, Loyda; Bakri, Youssef; Amzazi, Saaid; Gluckman, Jean Claude;  
Benjouad, Abdelaziz [Reprint author]  
CS Laboratoire d'Immunologie Cellulaire et Immunopathologie de l'Ecole  
Pratique des Hautes Etudes, Institut National de la Sante et de la  
Recherche Medicale (INSERM) E0013, Hopital de la Pitie-Salpetriere, 83  
Bld. de l'Hopital, 75651, Paris Cedex 13, France  
SO Virology, (December 20, 2000) Vol. 278, No. 2, pp. 412-422. print.  
CODEN: VIRLAX. ISSN: 0042-6822.

DT Article  
LA English

Last Updated on STN: 12 Feb 2002

L4 ANSWER 20 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:37940 BIOSIS  
DN PREV200100037940  
TI Molecular function of the CD4 D1 domain in coreceptor-mediated entry by  
HIV type 1.  
AU Esser, Ursula; Speck, Roberto F.; Deen, Keith C.; Atchison, Robert E.;  
Sweet, Raymond; Goldsmith, Mark A. [Reprint author]  
CS Gladstone Institute of Virology and Immunology, San Francisco, CA,  
94110-9100, USA  
mgoldsmith@gladstone.ucsf.edu  
SO AIDS Research and Human Retroviruses, (November 20, 2000) Vol. 16, No. 17,  
pp. 1845-1854. print.  
CODEN: ARHRE7. ISSN: 0889-2229.  
DT Article  
LA English  
ED Entered STN: 17 Jan 2001  
Last Updated on STN: 12 Feb 2002

L4 ANSWER 21 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:36571 BIOSIS  
DN PREV200100036571  
TI A tyrosine-sulfated peptide based on the N terminus of \*\*\*CCR5\*\*\*  
interacts with a CD4-enhanced epitope of the HIV-1 gp120 envelope  
glycoprotein and inhibits HIV-1 entry.  
AU Farzan, Michael [Reprint author]; Vasilieva, Natalya; Schnitzler,  
Christine E.; Chung, Susan; Robinson, James; Gerard, Norma P.; Gerard,  
Craig; Choe, Hyeryun; Sodroski, Joseph  
CS Dept. of Cancer Immunology and AIDS, Dana-Farber Cancer Institute, 44  
Binney St., Boston, MA, 02115, USA  
farzan@mbcrr.harvard.edu  
SO Journal of Biological Chemistry, (October 27, 2000) Vol. 275, No. 43, pp.  
33516-33521. print.  
CODEN: JBCHA3. ISSN: 0021-9258.  
DT Article  
LA English  
ED Entered STN: 17 Jan 2001  
Last Updated on STN: 12 Feb 2002

L4 ANSWER 22 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:17310 BIOSIS  
DN PREV200100017310  
TI Processing, stability, and receptor binding properties of oligomeric  
envelope glycoprotein from a primary HIV-1 isolate.  
AU Staropoli, Isabelle; Chanel, Chantal; Girard, Marc; Altmeyer, Ralf  
[Reprint author]  
CS Unite d'Immunologie Virale, Institut Pasteur, 75015, Paris, France  
altmeyer@pasteur.fr  
SO Journal of Biological Chemistry, (November 10, 2000) Vol. 275, No. 45, pp.  
35137-35145. print.  
CODEN: JBCHA3. ISSN: 0021-9258.  
DT Article  
LA English  
ED Entered STN: 27 Dec 2000  
Last Updated on STN: 27 Dec 2000

L4 ANSWER 23 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:17297 BIOSIS  
DN PREV200100017297  
TI Expression, purification, and characterization of gp160e, the  
\*\*\*soluble\*\*\*, trimeric ectodomain of the simian immunodeficiency virus  
envelope glycoprotein, gp160.  
AU Chen, Bing; Zhou, Genfa; Kim, Mikyung; Chishti, Yasmin; Hussey, Rebecca  
E.; Ely, Barry; Skehel, John J.; Reinherz, Ellis L.; Harrison, Stephen C.;  
Wiley, Don C. [Reprint author]  
CS Laboratory of Molecular Medicine, Children's Hospital, Howard Hughes  
Medical Institute, 320 Longwood Ave., Enders 673, Boston, MA, 02215, USA  
dcwadmin@crystal.harvard.edu  
SO Journal of Biological Chemistry, (November 10, 2000) Vol. 275, No. 45, pp.  
34946-34953. print.  
CODEN: JBCHA3. ISSN: 0021-9258.  
DT Article  
LA English  
ED Entered STN: 27 Dec 2000

L4 ANSWER 24 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:514032 BIOSIS  
DN PREV200000514032  
TI \*\*\*soluble\*\*\* CD40 ligand induces beta-chemokine production by  
macrophages and resistance to HIV-1 entry.  
AU Di Marzio, P. [Reprint author]; Mariani, R.; Lui, R.; Thomas, E. K.;  
Landau, N. R.  
CS The Picower Institute for Medical Research, 350 Community Drive,  
Manhasset, New York, NY, 11030, USA  
SO Cytokine, (October, 2000) vol. 12, No. 10, pp. 1489-1495. print.  
CODEN: CYTIE9. ISSN: 1043-4666.  
DT Article  
LA English  
ED Entered STN: 29 Nov 2000  
Last Updated on STN: 11 Jan 2002

L4 ANSWER 25 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:503335 BIOSIS  
DN PREV200000503335  
TI Selective CXCR4 antagonism by Tat: Implications for in vivo expansion of  
coreceptor use by HIV-1.  
AU Xiao, Hua; Neuveut, Christine; Tiffany, H. Lee; Benkirane, Monsef; Rich,  
Elizabeth A.; Murphy, Philip M.; Jeang, Kuan-Teh [Reprint author]  
CS National Institutes of Health, 9000 Rockville Pike, Building 4, Room 306,  
Bethesda, MD, 20892-0460, USA  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (October 10, 2000) Vol. 97, No. 21, pp. 11466-11471. print.  
CODEN: PNASA6. ISSN: 0027-8424.  
DT Article  
LA English  
ED Entered STN: 22 Nov 2000  
Last Updated on STN: 11 Jan 2002

L4 ANSWER 26 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:489415 BIOSIS  
DN PREV200000489536  
TI Identification of ENV determinants in V3 that influence the molecular  
anatomy of \*\*\*CCR5\*\*\* utilization.  
AU Hu, Qin-xue; Trent, John O.; Tomaras, Georgia D.; Wang, Zi-xuan; Murray,  
James L.; Conolly, Shannon M.; Navenot, Jean-Marc; Barry, Ashley Perkins;  
Greenberg, Michael L.; Peiper, Stephen C. [Reprint author]  
CS James Graham Brown Cancer Center, Henry Vogt Cancer Research Institute,  
University of Louisville, Louisville, KY, 40202, USA  
SO Journal of Molecular Biology, (15 September, 2000) Vol. 302, No. 2, pp.  
359-375. print.  
CODEN: JMOBAK. ISSN: 0022-2836.  
DT Article  
LA English  
ED Entered STN: 15 Nov 2000  
Last Updated on STN: 10 Jan 2002

L4 ANSWER 27 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:421493 BIOSIS  
DN PREV200000421493  
TI Increased neutralization sensitivity and reduced replicative capacity of  
human immunodeficiency virus type 1 after short-term in vivo or in vitro  
passage through chimpanzees.  
AU Beaumont, Tim; Broersen, Silvia; van Nuenen, Ad; Huisman, Han G.; de Roda  
Husman, Ana-Maria; Heeney, Jonathan L.; Schuitemaker, Hanneke [Reprint  
author]  
CS Department of Clinical viro-Immunology, CLB, Plesmanlaan 125, 1066 CX,  
Amsterdam, Netherlands  
SO Journal of Virology, (September, 2000) Vol. 74, No. 17, pp. 7699-7707.  
print.  
CODEN: JOVIAM. ISSN: 0022-538X.  
DT Article  
LA English  
ED Entered STN: 4 Oct 2000  
Last Updated on STN: 8 Jan 2002

L4 ANSWER 28 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:419807 BIOSIS  
DN PREV200000419807  
TI Characterization and epitope mapping of neutralizing monoclonal antibodies

envelope protein.

AU Edinger, Aimee L.; Ahuja, Mena; Sung, Tina; Baxter, Kelly C.; Haggarty, Beth; Doms, Robert W. [Reprint author]; Hoxie, James A.  
CS Dept. of Pathology and Laboratory Medicine, University of Pennsylvania,  
806 Abramson, 34th and Civic Center Blvd., Philadelphia, PA, 19104, USA  
SO Journal of Virology, (September, 2000) Vol. 74, No. 17, pp. 7922-7935.  
print.  
CODEN: JOVIAM. ISSN: 0022-538X.

DT Article  
LA English  
ED Entered STN: 4 Oct 2000  
Last Updated on STN: 8 Jan 2002

L4 ANSWER 29 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:338502 BIOSIS  
DN PREV200000338502  
TI Expression pattern of T-cell-associated chemokine receptors and their  
chemokines correlates with specific subtypes of T-cell non-Hodgkin  
lymphoma.

AU Jones, Dan; O'Hara, Carl; Kraus, Madeleine D.; Perez-Atayde, Antonio R.;  
Shahsafaei, Aliakbar; Wu, Lijun; Dorfman, David M. [Reprint author]  
CS Department of Pathology, Brigham and Women's Hospital, 75 Francis St,  
Boston, MA, 02115, USA  
SO Blood, (July 15, 2000) Vol. 96, No. 2, pp. 685-690. print.  
CODEN: BLOOAW. ISSN: 0006-4971.

DT Article  
LA English  
ED Entered STN: 10 Aug 2000  
Last Updated on STN: 7 Jan 2002

L4 ANSWER 30 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:335631 BIOSIS  
DN PREV200000335631  
TI Paramagnetic proteoliposomes containing a pure, native, and oriented  
seven-transmembrane segment protein, \*\*\*CCR5\*\*\*

AU Mirzabekov, Tajib; Kontos, Harry; Farzan, Michael; Marasco, Wayne;  
Sodroski, Joseph [Reprint author]  
CS Department of Cancer Immunology and AIDS, Dana-Farber Cancer Institute, 44  
Binney St., Boston, MA, 02115, USA  
SO Nature Biotechnology, (June, 2000) Vol. 18, No. 6, pp. 649-654. print.  
ISSN: 1087-0156.

DT Article  
LA English  
ED Entered STN: 10 Aug 2000  
Last Updated on STN: 7 Jan 2002

L4 ANSWER 31 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:304859 BIOSIS  
DN PREV200000304859  
TI Specific interaction of \*\*\*CCR5\*\*\* amino-terminal domain peptides  
containing sulfotyrosines with HIV-1 envelope glycoprotein gp 120.

AU Cormier, Emmanuel G.; Persuh, Marjan; Thompson, Daniah A. D.; Lin, Steven  
W.; Sakmar, Thomas P.; Olson, William C.; Dragic, Tatjana [Reprint author]  
CS Microbiology and Immunology Department, Albert Einstein College of  
Medicine, 1300 Morris Park Avenue, Bronx, NY, 10461, USA  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (May 23, 2000) Vol. 97, No. 11, pp. 5762-5767. print.  
CODEN: PNASA6. ISSN: 0027-8424.

DT Article  
LA English  
ED Entered STN: 19 Jul 2000  
Last Updated on STN: 7 Jan 2002

L4 ANSWER 32 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:294962 BIOSIS  
DN PREV200000294962  
TI Differential level in co-down-modulation of CD4 and CXCR4 primed by HIV-1  
gp120 in response to phorbol ester, PMA, among HIV-1 isolates.

AU Tahara-Hanaoka, Satoko; Ushijima, Yuki; Tarui, Hiroshi; Wada, Masayuki;  
Hara, Toshio; Imanishi, Shigeo; Yamaguchi, Tomoyuki; Hattori, Toshio;  
Nakauchi, Hiromitsu; Koito, Atsushi [Reprint author]  
CS Division of Clinical Retrovirology and Infectious Diseases, Center for  
AIDS Research, Kumamoto University, Kumamoto, Kumamoto, 860-0811, Japan  
SO Microbiology and Immunology, (2000) Vol. 44, No. 6, pp. 489-498. print.  
CODEN: MIIMDV. TSSN: 0385-5600.



LA English  
 ED Entered STN: 6 Jul 2000  
 Last Updated on STN: 7 Jan 2002

L4 ANSWER 33 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:253195 BIOSIS  
 DN PREV200000253195  
 TI Multiple antiviral activities of cyanovirin-N: Blocking of human immunodeficiency virus type 1 gp120 interaction with CD4 and coreceptor and inhibition of diverse enveloped viruses.  
 AU Dey, Barna; Lerner, Danica L.; Lusso, Paolo; Boyd, Michael R.; Elder, John H.; Berger, Edward A. [Reprint author]  
 CS Laboratory of Viral Diseases, National Institute of Allergy and Infectious, National Institutes of Health, Building 4, room 237, Bethesda, MD, 20892, USA  
 SO Journal of Virology, (May, 2000) Vol. 74, No. 10, pp. 4562-4569. print.  
 CODEN: JOVIAM. ISSN: 0022-538X.  
 DT Article  
 LA English  
 ED Entered STN: 21 Jun 2000  
 Last Updated on STN: 5 Jan 2002

L4 ANSWER 34 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:218263 BIOSIS  
 DN PREV200000218263  
 TI Sensitivity to a nonpeptidic compound (RPR103611) blocking human immunodeficiency virus type 1 Env-mediated fusion depends on sequence and accessibility of the gp41 loop region.  
 AU Labrosse, Beatrice; Treboute, Carole; Alizon, Marc [Reprint author]  
 CS INSERM U.332, Institut Cochin de Genetique Moleculaire, 22 Rue Mechain, 75014, Paris, France  
 SO Journal of Virology, (March, 2000) Vol. 74, No. 5, pp. 2142-2150. print.  
 CODEN: JOVIAM. ISSN: 0022-538X.  
 DT Article  
 LA English  
 ED Entered STN: 31 May 2000  
 Last Updated on STN: 5 Jan 2002

L4 ANSWER 35 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:80352 BIOSIS  
 DN PREV200000080352  
 TI Development of bivalent (B/E) vaccines able to neutralize \*\*\*CCR5\*\*\*-dependent viruses from the United States and Thailand.  
 AU Berman, Phillip W. [Reprint author]; Huang, Wei; Riddle, Lavon; Gray, Alan M.; Wrinn, Terri; Vennari, Joanne; Johnson, Adriana; Klaussen, Michael; Prashad, Hardyl; Kohne, Christiane; de Wit, Christina; Gregory, Timothy J.  
 CS VaxGen, Inc., 1000 Marina Boulevard, 2nd Floor, Brisbane, CA, USA  
 SO Virology, (Dec. 5, 1999) Vol. 265, No. 1, pp. 1-9. print.  
 CODEN: VIRLAX. ISSN: 0042-6822.  
 DT Article  
 LA English  
 ED Entered STN: 23 Feb 2000  
 Last Updated on STN: 3 Jan 2002

L4 ANSWER 36 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:64305 BIOSIS  
 DN PREV200000064305  
 TI Sequential CD4-coreceptor interactions in human immunodeficiency virus type 1 Env function: \*\*\*soluble\*\*\* CD4 activates Env for coreceptor-dependent fusion and reveals blocking activities of antibodies against cryptic conserved epitopes on gp120.  
 AU Salzwedel, Karl; Smith, Erica D.; Dey, Barna; Berger, Edward A. [Reprint author]  
 CS Laboratory of Viral Diseases, National Institute of Allergy and Infectious, National Institutes of Health, Building 4, Room 236, Bethesda, MD, USA  
 SO Journal of virology, (Jan., 2000) Vol. 74, No. 1, pp. 326-333. print.  
 CODEN: JOVIAM. ISSN: 0022-538X.  
 DT Article  
 LA English  
 ED Entered STN: 9 Feb 2000  
 Last Updated on STN: 3 Jan 2002

L4 ANSWER 37 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

DN PREV200000052363  
 TI \*\*\*soluble\*\*\* complexes of regulated upon activation, normal T cells  
 expressed and secreted (RANTES) and glycosaminoglycans suppress HIV-1  
 infection but do not induce Ca<sup>2+</sup> signaling.  
 AU Burns, Jennifer M.; Lewis, George K.; DeVico, Anthony L. [Reprint author]  
 CS Institute of Human Virology, 725 West Lombard Street, Baltimore, MD, USA  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, (Dec. 7, 1999) Vol. 96, No. 25, pp. 14499-14504. print.  
 CODEN: PNASA6. ISSN: 0027-8424.  
 DT Article  
 LA English  
 ED Entered STN: 3 Feb 2000  
 Last Updated on STN: 3 Jan 2002

L4 ANSWER 38 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:38027 BIOSIS  
 DN PREV200000038027  
 TI Use of a gp120 binding assay to dissect the requirements and kinetics of  
 human immunodeficiency virus fusion events.  
 AU Doranz, Benjamin J. [Reprint author]; Baik, Sarah S.W.; Doms, Robert W.  
 CS Department of Pathology and Laboratory Medicine, University of  
 Pennsylvania, 806 Abramson, 34th and Civic Center Blvd., Philadelphia, PA,  
 19104, USA  
 SO Journal of Virology, (Dec., 1999) Vol. 73, No. 12, pp. 10346-10358. print.  
 CODEN: JOVIAM. ISSN: 0022-538X.  
 DT Article  
 LA English  
 ED Entered STN: 19 Jan 2000  
 Last Updated on STN: 31 Dec 2001

L4 ANSWER 39 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:1931 BIOSIS  
 DN PREV200000001931  
 TI Partial resistance to infection by R5X4 primary HIV type 1 isolates in an  
 exposed-uninfected individual homozygous for \*\*\*CCR5\*\*\* 32-base pair  
 deletion.  
 AU Xiao, Lihua; Weiss, Stanley H.; Qari, Shoukat H.; Rudolph, Donna; Zhao,  
 Caixia; Denny, Thomas N.; Hodge, Thomas; Lal, Renu B. [Reprint author]  
 CS Centers for Disease Control and Prevention, HIV and Retrovirology Branch,  
 1600 Clifton Road NE, Atlanta, GA, 30333, USA  
 SO AIDS Research and Human Retroviruses, (Sept. 1, 1999) Vol. 15, No. 13, pp.  
 1201-1208. print.  
 CODEN: ARHRE7. ISSN: 0889-2229.  
 DT Article  
 LA English  
 ED Entered STN: 23 Dec 1999  
 Last Updated on STN: 31 Dec 2001

L4 ANSWER 40 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:470618 BIOSIS  
 DN PREV199900470618  
 TI CD40-mediated induction of CD4 and CXCR4 on B lymphocytes correlates with  
 restricted susceptibility to human immunodeficiency virus type 1  
 infection: Potential role of B lymphocytes as a viral reservoir.  
 AU Moir, Susan [Reprint author]; Lapointe, Rejean; Malaspina, Angela;  
 Ostrowski, Mario; Cole, Charsey E.; Chun, Tae-wook; Adelsberger, Joseph;  
 Baseler, Michael; Hwu, Patrick; Fauci, Anthony S.  
 CS Laboratory of Immunoregulation, National Institute of Allergy and  
 Infectious Diseases, National Institutes of Health, 10 Center Dr., Bldg.  
 10, Rm. 6A02, Bethesda, MD, 20892, USA  
 SO Journal of Virology, (Oct., 1999) Vol. 73, No. 10, pp. 7972-7980. print.  
 CODEN: JOVIAM. ISSN: 0022-538X.  
 DT Article  
 LA English  
 ED Entered STN: 9 Nov 1999  
 Last Updated on STN: 9 Nov 1999

L4 ANSWER 41 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:445161 BIOSIS  
 DN PREV199900445161  
 TI Phosphoantigen-reactive Vgamma9delta2 T lymphocytes suppress in vitro  
 human immunodeficiency virus type 1 replication by cell-released antiviral  
 factors including CC chemokines.  
 AU Poccia, Fabrizio [Reprint author]; Battistini, Luca; Cipriani, Barbara;  
 Mancino, Giorio; Martini, Federico; Goudeon, Marie Lise; Colizzi.

CS International Center for AIDS and Emerging Infections, Institute for  
Infectious Diseases "L. Spallanzani", Via Portuense 292, 00149, Rome,  
Italy

SO Journal of Infectious Diseases, (Sept., 1999) Vol. 180, No. 3, pp.  
858-861. print.  
CODEN: JIDIAQ. ISSN: 0022-1899.

DT Article

LA English

ED Entered STN: 26 Oct 1999  
Last Updated on STN: 26 Oct 1999

L4 ANSWER 42 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1999:423267 BIOSIS

DN PREV199900423267

TI Conformational changes of gp120 in epitopes near the \*\*\*CCR5\*\*\*  
binding site are induced by CD4 and a CD4 miniprotein mimetic.

AU Zhang, Wentao; Canziani, Gabriela; Plugariu, Carmela; Wyatt, Richard;  
Sodroski, Joseph; Sweet, Raymond; Kwong, Peter; Hendrickson, Wayne;  
Chaiken, Irwin [Reprint author]

CS 913 Stellar-Chance Labs, 422 Curie Blvd., Philadelphia, PA, 19104, USA

SO Biochemistry, (July 20, 1999) Vol. 38, No. 29, pp. 9405-9416. print.  
CODEN: BICHAW. ISSN: 0006-2960.

DT Article

LA English

ED Entered STN: 18 Oct 1999  
Last Updated on STN: 18 Oct 1999

L4 ANSWER 43 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1999:409910 BIOSIS

DN PREV199900409910

TI Primary human immunodeficiency virus type 2 (HIV-2) isolates infect  
CD4-negative cells via \*\*\*CCR5\*\*\* and CXCR4: Comparison with HIV-1 and  
simian immunodeficiency virus and relevance to cell tropism in vivo.

AU Reeves, Jacqueline D.; Hibbitts, Sam; Simmons, Graham; McKnight, Aine;  
Azevedo-Pereira, Jose M.; Moniz-Pereira, Jose; Clapham, Paul R. [Reprint  
author]

CS Wohl Virion Centre, Department of Molecular Pathology, Windeyer Institute  
of Medical Sciences, University College London, 46 Cleveland St., London,  
W1P 6DB, UK

SO Journal of Virology, (Sept., 1999) Vol. 73, No. 9, pp. 7795-7804. print.  
CODEN: JOVIAM. ISSN: 0022-538X.

DT Article

LA English

ED Entered STN: 8 Oct 1999  
Last Updated on STN: 8 Oct 1999

L4 ANSWER 44 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1999:345875 BIOSIS

DN PREV199900345875

TI Human immunodeficiency virus type 1 strains R5 and X4 induce different  
pathogenic effects in hu-PBL-SCID mice, depending on the state of  
activation/differentiation of human target cells at the time of primary  
infection.

AU Fais, Stefano; Lapenta, Caterina; Santini, Stefano M.; Spada, Massimo;  
Parlato, Stefania; Logozzi, Mariantonia; Rizza, Paola; Belardelli, Filippo  
[Reprint author]

CS Laboratory of Virology, Istituto Superiore di Sanita, Viale Regina Elena  
299, 00161, Rome, Italy

SO Journal of Virology, (Aug., 1999) Vol. 73, No. 8, pp. 6453-6459. print.  
CODEN: JOVIAM. ISSN: 0022-538X.

DT Article

LA English

ED Entered STN: 24 Aug 1999  
Last Updated on STN: 24 Aug 1999

L4 ANSWER 45 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1999:328706 BIOSIS

DN PREV199900328706

TI Effects of \*\*\*soluble\*\*\* CD4 on simian immunodeficiency virus  
infection of CD4-positive and CD4-negative cells.

AU Schenten, Dominik; Marcon, Luisa; Karlsson, Gunilla B.; Parolin, Cristina;  
Kodama, Toshiaki; Gerard, Norma; Sodroski, Joseph [Reprint author]

CS Department of Cancer Immunology and AIDS, Dana-Farber Cancer Institute, 44  
Binney St., JFB 824, Boston, MA, USA

SO Journal of Virology, (July. 1999) Vol. 73. No. 7. pp. 5373-5380. print.

DT Article  
LA English  
ED Entered STN: 24 Aug 1999  
Last Updated on STN: 24 Aug 1999

L4 ANSWER 46 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:325877 BIOSIS  
DN PREV199900325877  
TI Stable exposure of the coreceptor-binding site in a CD4-independent HIV-1  
envelope protein.  
AU Hoffman, Trevor L.; LaBranche, Celia C.; Zhang, Wentao; Canziani,  
Gabriella; Robinson, James; Chaiken, Irwin; Hoxie, James A.; Doms, Robert  
W. [Reprint author]  
CS Department of Pathology and Laboratory Medicine, University of  
Pennsylvania, 34th and Civic Center Boulevard, 806 Abramson, Philadelphia,  
PA, 19104, USA  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (May 25, 1999) Vol. 96, No. 11, pp. 6359-6364. print.  
CODEN: PNASA6. ISSN: 0027-8424.

DT Article  
LA English  
ED Entered STN: 24 Aug 1999  
Last Updated on STN: 24 Aug 1999

L4 ANSWER 47 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:238925 BIOSIS  
DN PREV199900238925  
TI Differential inhibition of human immunodeficiency virus type 1 fusion,  
gp120 binding, and CC-chemokine activity by monoclonal antibodies to  
\*\*\*\*CCR5\*\*\*\*.  
AU Olson, William C.; Rabut, Gwenael E. E.; Nagashima, Kirsten A.; Tran, Diep  
N. H.; Anselma, Deborah J.; Monard, Simon P.; Segal, Jeremy P.; Thompson,  
Daniah A. D.; Kajumo, Francis; Guo, Yong; Moore, John P.; Maddon, Paul J.;  
Dragic, Tatjana [Reprint author]  
CS Aaron Diamond AIDS Research Center, 455 1st Ave., 7th Floor, New York, NY,  
10016, USA  
SO Journal of Virology, (May, 1999) Vol. 73, No. 5, pp. 4145-4155. print.  
CODEN: JOVIAM. ISSN: 0022-538X.

DT Article  
LA English  
ED Entered STN: 17 Jun 1999  
Last Updated on STN: 17 Jun 1999

L4 ANSWER 48 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:87809 BIOSIS  
DN PREV199900087809  
TI Comparison of the antibody repertoire generated in healthy volunteers  
following immunization with a monomeric recombinant gp120 construct  
derived from a \*\*\*\*CCR5\*\*\*\* /CXCR4-using human immunodeficiency virus  
type 1 isolate with sera from naturally infected individuals.  
AU Beddows, Simon; Lister, Simon; Cheingsong, Rachanee; Bruck, Claudine;  
Weber, Jonathan [Reprint author]  
CS Dep. GU Med. Commun. Dis., Jefferiss Trust Lab., Imperial Coll. Sch. Med.  
St. Mary's, Praed St., London W2 1PG, UK  
SO Journal of Virology, (Feb., 1999) Vol. 73, No. 2, pp. 1740-1745. print.  
CODEN: JOVIAM. ISSN: 0022-538X.

DT Article  
LA English  
ED Entered STN: 1 Mar 1999  
Last Updated on STN: 1 Mar 1999

L4 ANSWER 49 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:69653 BIOSIS  
DN PREV199900069653  
TI Interaction of human immunodeficiency virus type 1 envelope glycoprotein  
V3 loop with \*\*\*\*CCR5\*\*\*\* and CD4 at the membrane of human primary  
macrophages.  
AU Rabehi, Lila; Seddiki, Nabila; Benjouad, Abdelaziz; Gluckman, Jean Claude;  
Gattegno, Liliane [Reprint author]  
CS Lab. Biologie, Cellulaire, Faculte Medecine, 74 rue Marcel Cachin, 93017  
Bobigny Cedex, France  
SO AIDS Research and Human Retroviruses, (Dec. 20, 1998) Vol. 14, No. 18, pp.  
1605-1615. print.  
CODEN: ARHRE7. ISSN: 0889-2229.  
DT Article

ED Entered STN: 16 Feb 1999  
Last Updated on STN: 16 Feb 1999

L4 ANSWER 50 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:26988 BIOSIS  
DN PREV199900026988  
TI CD26-processed RANTES(3-68), but not intact RANTES, has potent anti-HIV-1 activity.  
AU Schols, Dominique [Reprint author]; Proost, Paul; Struyf, Sofie; Wuyts, Anja; De Meester, Ingrid; Scharpe, Simon; Van Damme, Jo; De Clercq, Erik  
CS Lab. Experimental Chemotherapy, Rega Inst. Med. Res., Minderbroedersstraat 10, B-3000 Leuven, Belgium  
SO Antiviral Research, (Oct., 1998) Vol. 39, No. 3, pp. 175-187. print.  
CODEN: ARSRDR. ISSN: 0166-3542.  
DT Article  
LA English  
ED Entered STN: 20 Jan 1999  
Last Updated on STN: 20 Jan 1999

L4 ANSWER 51 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:512245 BIOSIS  
DN PREV199800512245  
TI Exposure to bacterial products renders macrophages highly susceptible to T-tropic HIV-1.  
AU Moriuchi, Masako; Moriuchi, Hiroyuki [Reprint author]; Turner, Willie; Fauci, Anthony S.  
CS NIH, Build. 10, Room 6A11, Bethesda, MD 20892, USA  
SO Journal of Clinical Investigation, (Oct. 15, 1998) Vol. 102, No. 8, pp. 1540-1550. print.  
CODEN: JCINAO. ISSN: 0021-9738.  
DT Article  
LA English  
ED Entered STN: 18 Dec 1998  
Last Updated on STN: 18 Dec 1998

L4 ANSWER 52 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:490856 BIOSIS  
DN PREV199800490856  
TI Tat protein induces human immunodeficiency virus type 1 (HIV-1) coreceptors and promotes infection with both macrophage-tropic and T-lymphocytic HIV-1 strains.  
AU Huang, Lili [Reprint author]; Bosch, Irene; Hofmann, Wolfgang; Sodroski, Joseph; Pardee, Arthur B.  
CS Div. Cancer Biol., Dana-Farber Cancer Inst., 44 Binney St., Boston, MA 02115, USA  
SO Journal of Virology, (Nov., 1998) Vol. 72, No. 11, pp. 8952-8960. print.  
CODEN: JOVIAM. ISSN: 0022-538X.  
DT Article  
LA English  
ED Entered STN: 18 Nov 1998  
Last Updated on STN: 18 Nov 1998

L4 ANSWER 53 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:449889 BIOSIS  
DN PREV199800449889  
TI Interactions among HIV gp120, CD4, and CXCR4: Dependence on CD4 expression level, gp120 viral origin, conservation of the gp120 COOH- and NH2-termini and V1/V2 and V3 loops, and sensitivity to neutralizing antibodies.  
AU Mondor, Isabelle; Moulard, Maxime; Ugolini, Sophie; Klasse, P.-J.; Hoxie, J.; Amara, Ali; Delaunay, Thierry; Wyatt, Richard; Sodroski, Joseph; Sattentau, Quentin J. [Reprint author]  
CS Centre Immunol. Marseille-Luminy, Case 906, 13288 Marseille Cedex 9, France  
SO Virology, (Sept. 1, 1998) Vol. 248, No. 2, pp. 394-405. print.  
CODEN: VIRLAX. ISSN: 0042-6822.  
DT Article  
LA English  
ED Entered STN: 21 Oct 1998  
Last Updated on STN: 21 Oct 1998

L4 ANSWER 54 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:364420 BIOSIS  
DN PREV199800364420  
TI Determinants of human immunodeficiency virus type 1 envelope glycoprotein activation by \*\*\*soluble\*\*\* CD4 and monoclonal antibodies.

F., III; Parren, Paul W. H. I.; Burton, Dennis R.; Sodroski, Joseph  
 [Reprint author]  
 CS Dana-Farber Cancer Inst., 44 Binney St., Jimmy Fund Build., Room JFB 824,  
 Boston, MA 02115, USA  
 SO Journal of Virology, (Aug., 1998) Vol. 72, No. 8, pp. 6332-6338. print.  
 CODEN: JOVIAM. ISSN: 0022-538X.  
 DT Article  
 LA English  
 ED Entered STN: 27 Aug 1998  
 Last Updated on STN: 27 Aug 1998

L4 ANSWER 55 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:362788 BIOSIS  
 DN PREV199800362788  
 TI Inhibition of simian immunodeficiency virus (SIV) replication by CD8+ T  
 lymphocytes from macaques immunized with live attenuated SIV.  
 AU Gauduin, Marie-Claire; Glickman, Rhona L.; Means, Robert; Johnson, R. Paul  
 [Reprint author]  
 CS Div. Immunol., New England Regional Primate Res. Cent., Harvard Med. Sch.,  
 One Pine Hill Dr., P.O. Box 9102, Southborough, MA 01772, USA  
 SO Journal of Virology, (Aug., 1998) Vol. 72, No. 8, pp. 6315-6324. print.  
 CODEN: JOVIAM. ISSN: 0022-538X.  
 DT Article  
 LA English  
 ED Entered STN: 27 Aug 1998  
 Last Updated on STN: 27 Aug 1998

L4 ANSWER 56 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:271965 BIOSIS  
 DN PREV199800271965  
 TI CD40 ligand (CD154) stimulation of macrophages to produce  
 HIV-1-suppressive beta-chemokines.  
 AU Kornbluth, Richard S. [Reprint author]; Kee, Kristin; Richman, Douglas D.  
 CS Dep. Med.-0679, Univ. California, San Diego, 9500 Gilman Drive, La Jolla,  
 CA 92093-0679, USA  
 SO Proceedings of the National Academy of Sciences of the United States of  
 America, (April 28, 1998) Vol. 95, No. 9, pp. 5205-5210. print.  
 CODEN: PNASA6. ISSN: 0027-8424.  
 DT Article  
 LA English  
 ED Entered STN: 24 Jun 1998  
 Last Updated on STN: 24 Jun 1998

L4 ANSWER 57 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:175436 BIOSIS  
 DN PREV199800175436  
 TI The V3 loop of human immunodeficiency virus type-1 envelope protein is a  
 high-affinity ligand for immunophilins present in human blood.  
 AU Endrich, Michael M.; Gehring, Heinz [Reprint author]  
 CS Biochem. Inst., Univ. Zuerich, Winterthurerstrasse 190, CH-8057 Zuerich,  
 Switzerland  
 SO European Journal of Biochemistry, (March, 1998) Vol. 252, No. 3, pp.  
 441-446. print.  
 CODEN: EJBCAI. ISSN: 0014-2956.  
 DT Article  
 LA English  
 ED Entered STN: 20 Apr 1998  
 Last Updated on STN: 20 Apr 1998

L4 ANSWER 58 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:88358 BIOSIS  
 DN PREV199800088358  
 TI A tyrosine-rich region in the N terminus of \*\*\*CCR5\*\*\* is important  
 for human immunodeficiency virus type 1 entry and mediates an association  
 between gp120 and \*\*\*CCR5\*\*\*.  
 AU Farzan, Michael; Choe, Hyeryun; Vaca, Luis; Martin, Kathleen; Sun, Ying;  
 Desjardins, Elizabeth; Ruffing, Nancy; Wu, Lijun; Wyatt, Richard; Gerard,  
 Norma; Gerard, Craig [Reprint author]; Sodroski, Joseph  
 CS Perlmutter Lab., Children's Hosp., Hunnewell, 300 Longwood Ave., Boston,  
 MA 02115, USA  
 SO Journal of Virology, (Feb., 1998) Vol. 72, No. 2, pp. 1160-1164. print.  
 CODEN: JOVIAM. ISSN: 0022-538X.  
 DT Article  
 LA English  
 ED Entered STN: 25 Feb 1998

L4 ANSWER 59 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:48184 BIOSIS  
DN PREV199800048184  
TI Regulation of the receptor specificity and function of the chemokine  
RANTES (regulated on activation, normal T cell expressed and secreted) by  
dipeptidyl peptidase IV (CD26)-mediated cleavage.  
AU Oravecz, Tamas [Reprint author]; Pall, Marina; Roderiquez, Gregory;  
Gorrell, Mark D.; Ditto, Mary; Nguyen, Nga Y.; Boykins, Robert; Unsworth,  
Edward; Norcross, Michael A. [Reprint author]  
CS Div. Hematol. Products, Cent. Biol. Eval. Res., FDA, NIH, Bldg. 29B, Rm  
4E12, HFM-541, Bethesda, MD, USA  
SO Journal of Experimental Medicine, (Dec. 1, 1997) Vol. 186, No. 11, pp.  
1865-1872. print.  
CODEN: JEMEAV. ISSN: 0022-1007.  
DT Article  
LA English  
ED Entered STN: 27 Jan 1998  
Last Updated on STN: 27 Jan 1998

L4 ANSWER 60 OF 246 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:440481 BIOSIS  
DN PREV199799739684  
TI Envelope glycoproteins from human immunodeficiency virus types 1 and 2 and  
Simian immunodeficiency virus can use human \*\*\*\*CCR5\*\*\*\* as a coreceptor  
for viral entry and make direct CD4A-dependent interactions with this  
chemokine receptor.  
AU Hill, C. Mark; Deng, Hongkui; Unutmaz, Derya; Kewalramani, Vineet N.;  
Bastiani, Lisa; Gorny, Mirosław K.; Zolla-Pazner, Susan; Littman, Dan R.  
[Reprint author]  
CS Howard Hughes Med. Inst., Skirball Inst. Biomol. Med., New York Univ.  
Med., Cent., 540 First Ave., New York, NY 10016, USA  
SO Journal of Virology, (1997) Vol. 71, No. 9, pp. 6296-6304.  
CODEN: JOVIAM. ISSN: 0022-538X.  
DT Article  
LA English  
ED Entered STN: 8 Oct 1997  
Last Updated on STN: 8 Oct 1997

L4 ANSWER 61 OF 246 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
AN 2000-14630 BIOTECHDS  
TI Determining an agent capable of inhibiting HIV virus-1 infection of a  
susceptible CD4+ cell comprises contacting a chemokine receptor and  
gp120/CD4+ complex in presence of the agent and comparing them;  
chemokine receptor and gp120/CD4+ complex useful for virucide drug  
screening  
AU Allaway G P; Litwin V M; Maddon P J; Olson W C  
PA Progenics-Pharmaceuticals  
LO Tarrytown, NY. USA.  
PI US 6107019 \*\*\*22 Aug 2000\*\*\*  
AI US 1997-876078 13 Jun 1997  
PRAI US 19970876078 13 Jun 1997  
DT Patent  
LA English  
OS WPI: 2000-571320 [53]

L4 ANSWER 62 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 2001:33121202 BIOTECHNO  
TI Gene therapy for HIV infection by 'intracellular immunization' with  
antiviral genes  
AU Von Laer D.; Brandenburg G.  
CS D. Von Laer, Georg-Speyer-Haus, Paul-Ehrlich-Strasse 42, 60596 Frankfurt,  
Germany.  
SO AIDS Reviews, ( \*\*\*2001\*\*\* ), 3/3 (169-177), 75 reference(s)  
CODEN: ADRVF6 ISSN: 1139-6121  
DT Journal; General Review  
CY Spain  
LA English  
SL English

L4 ANSWER 63 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 2001:33117339 BIOTECHNO  
TI \*\*\*\*Soluble\*\*\*\* CD16 inhibits CR3 (CD11b/CD18)-mediated infection of  
monocytes/macrophages by opsonized primary R5 HIV-1  
AU Bouhla H.; Galon J.; Kazatchkine M.D.; Fridman W.-H.; Sautes-Fridman C.:

CS Dr. N.H. Cavaillon, Unite d'Immunopathologie Humaine, Inst. Natl. Sante  
Rech. Med. Un. 430, Pavillon Leriche, 96 rue Didot, 75674-Paris Cedex 14,  
France.  
SO Journal of Immunology, \*\*\* (01 MAR 2001)\*\*\* , 166/5 (3377-3383), 37  
reference(s)  
CODEN: JOIMA3 ISSN: 0022-1767  
DT Journal; Article  
CY United States  
LA English  
SL English

L4 ANSWER 64 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 2001:32567782 BIOTECHNO  
TI Regulation of dendritic cell recruitment into resting and inflamed airway  
epithelium: Use of alternative chemokine receptors as a function of  
inducing stimulus  
AU Stumbles P.A.; Strickland D.H.; Pimm C.L.; Proksch S.F.; Marsh A.M.;  
McWilliam A.S.; Bosco A.; Tobagus I.; Thomas J.A.; Napoli S.; Proudfoot  
A.E.I.; Wells T.N.C.; Holt P.G.  
CS Dr. P.G. Holt, Division of Cell Biology, TWV Telethon Inst. Child Hlth.  
Res., P.O. Box 855, West Perth, WA 6872, Australia.  
E-mail: patrick@ichr.uwa.edu.au  
SO Journal of Immunology, \*\*\* (01 JUL 2001)\*\*\* , 167/1 (228-234), 30  
reference(s)  
CODEN: JOIMA3 ISSN: 0022-1767  
DT Journal; Article  
CY United States  
LA English  
SL English

L4 ANSWER 65 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 2001:32374157 BIOTECHNO  
TI HIV-1 gp120 stimulates the production of .beta.-chemokines in human  
peripheral blood monocytes through a CD4-independent mechanism  
AU Fantuzzi L.; Canini I.; Belardelli F.; Gessani S.  
CS Dr. S. Gessani, Laboratory of Virology, Istituto Superiore di Sanita,  
Viale Regina Elena 299, 00161 Rome, Italy.  
E-mail: gessani@iss.it  
SO Journal of Immunology, \*\*\* (01 MAY 2001)\*\*\* , 166/9 (5381-5387), 50  
reference(s)  
CODEN: JOIMA3 ISSN: 0022-1767  
DT Journal; Article  
CY United States  
LA English  
SL English

L4 ANSWER 66 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 2000:30660019 BIOTECHNO  
TI Chemokine and chemokine-receptor expression in human glial elements:  
Induction by the HIV protein, Tat, and chemokine autoregulation  
AU McManus C.M.; Weidenheim K.; Woodman S.E.; Nunez J.; Hesselgesser J.;  
Nath A.; Berman J.W.  
CS J.W. Berman, Department of Pathology, Albert Einstein College of  
Medicine, Bronx, NY 10461, United States.  
E-mail: berman@acom.yu.edu  
SO American Journal of Pathology, ( \*\*\*\*2000\*\*\*\* ), 156/4 (1441-1453), 54  
reference(s)  
CODEN: AJPAA4 ISSN: 0002-9440  
DT Journal; Article  
CY United States  
LA English  
SL English

L4 ANSWER 67 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 2000:30237902 BIOTECHNO  
TI Modifications that stabilize human immunodeficiency virus envelope  
glycoprotein trimers in solution  
AU Yang X.; Florin L.; Farzan M.; Kolchinsky P.; Kwong P.D.; Sodroski J.;  
Wyatt R.  
CS R. Wyatt, Dana-Farber Cancer Institute, 44 Binney St., Boston, MA 02115,  
United States.  
SO Journal of Virology, ( \*\*\*\*2000\*\*\*\* ), 74/10 (4746-4754), 61 reference(s)  
CODEN: JOVIAM ISSN: 0022-538X  
DT Journal; Article  
CY United States



SL English

L4 ANSWER 68 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1999:29549161 BIOTECHNO  
TI Inhibition of \*\*\*CCR5\*\*\* expression by IL-12 through induction of  
AU .beta.- chemokines in human T lymphocytes  
CS Wang J.; Guan E.; Roderiquez G.; Norcross M.A.  
Dr. J. Wang, Lab. of Cell and Viral Regulation, Division of Therapeutic  
Proteins, Ctr. for Biologics Evaluation/Res., 8800 Rockville Pike,  
Bethesda, MD 20892, United States.  
E-mail: wangj@cber.fda.gov  
SO Journal of Immunology, \*\*\* (01 DEC 1999)\*\*\* , 163/11 (5763-5769), 43  
reference(s)  
CODEN: JOIMA3 ISSN: 0022-1767  
DT Journal; Article  
CY United States  
LA English  
SL English

L4 ANSWER 69 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1999:29410574 BIOTECHNO  
TI Therapeutic potential of blocking HIV entry into cells: Focus on membrane  
AU fusion inhibitors  
CS Kilby J.M.  
J.M. Kilby, 1917 Clin. Univ. Alabama Birmingham, 208 20th Street South,  
Birmingham, AL, United States.  
E-mail: mkilby@uab.edu  
SO Expert Opinion on Investigational Drugs, ( \*\*\*1999\*\*\* ), 8/8  
(1157-1170), 69 reference(s)  
CODEN: EOIDER ISSN: 1354-3784  
DT Journal; Article  
CY United Kingdom  
LA English  
SL English

L4 ANSWER 70 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1999:29314991 BIOTECHNO  
TI T cell-tropic HIV gp120 mediates CD4 and CD8 cell chemotaxis through  
AU CXCR4 independent of CD4: Implications for HIV pathogenesis  
CS Iyengar S.; Schwartz D.H.; Hildreth J.E.K.  
Dr. J.E.K. Hildreth, Dept. of Pharmacology/Molec. Sci., School of  
Medicine, Johns Hopkins University, 725 North Wolfe Street, Baltimore, MD  
21205, United States.  
E-mail: jhildret@welchlink.welch.jhu.edu  
SO Journal of Immunology, \*\*\* (15 MAY 1999)\*\*\* , 162/10 (6263-6267), 25  
reference(s)  
CODEN: JOIMA3 ISSN: 0022-1767  
DT Journal; Article  
CY United States  
LA English  
SL English

L4 ANSWER 71 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1999:29313628 BIOTECHNO  
TI Differential effects of CD40 ligand/trimer stimulation on the ability of  
AU dendritic cells to replicate and transmit HIV infection: Evidence for CC-  
CS chemokine-dependent and -independent mechanisms  
McDyer J.F.; Dybul M.; Goletz T.J.; Kinter A.L.; Thomas E.K.; Berzofsky  
J.A.; Fauci A.S.; Seder R.A.  
Dr. R.A. Seder, Laboratory of Clinical Investigation, Natl. Inst. of  
Allergy/Infect. Dis., Building 10, 9000 Rockville Pike, Bethesda, MD  
20892, United States.  
E-mail: rseder@niaid.nih.gov  
SO Journal of Immunology, \*\*\* (15 MAR 1999)\*\*\* , 162/6 (3711-3717), 42  
reference(s)  
CODEN: JOIMA3 ISSN: 0022-1767  
DT Journal; Article  
CY United States  
LA English  
SL English

L4 ANSWER 72 OF 246 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1998:28468998 BIOTECHNO  
TI Peripheral blood-derived CD34.sup.+ progenitor cells: CXC chemokine  
receptor 4 and CC chemokine receptor 5 expression and infection by HIV

CS J.; Holmes K.L.; Cohen O.J.; Fauci A.S.  
Dr. M.E. Ruiz, Laboratory of Immunoregulation, Natl. Allergy/Infectious  
Dis. Inst., National Institutes of Health, 10 Center Drive, Bethesda, MD  
20892-1576, United States.  
E-mail: mruiz@nih.gov

SO Journal of Immunology, \*\*\* (15 OCT 1998)\*\*\* , 161/8 (4169-4176), 70  
reference(s)  
CODEN: JOIMA3 ISSN: 0022-1767

DT Journal; Article  
CY United States  
LA English  
SL English

L4 ANSWER 73 OF 246 CABA COPYRIGHT 2004 CABI on STN  
AN 1998:191879 CABA  
DN 19982007902

TI Do endogenous cannabinoids contribute to HIV-mediated immune failure?  
AU Gurwitz, D.; Kloog, Y.  
CS National Laboratory for the Genetics of Israeli Populations, Sackler  
Faculty of Medicine, Tel-Aviv University, Tel-Aviv 69978, Israel.

SO Molecular Medicine Today, ( \*\*\*1998\*\*\* ) Vol. 4, No. 5, pp. 196-200. 50  
ref.

DT Journal  
LA English  
ED Entered STN: 19980000  
Last Updated on STN: 19980000

L4 ANSWER 74 OF 246 CABA COPYRIGHT 2004 CABI on STN  
AN 97:158351 CABA  
DN 19972008623

TI Antibodies to several conformation-dependent epitopes of gp120/gp41  
inhibit CCR-5-dependent cell-to-cell fusion mediated by the native  
envelope glycoprotein of a primary macrophage-tropic HIV-1 isolate

AU Verrier, F. C.; Charneau, P.; Altmeyer, R.; Laurent, S.; Borman, A. M.;  
Girard, M.

CS Correspondence address [Girard, M.]: Unite de Virologie Moleculaire (URA  
1966, CNRS), Departement de Virologie, Institut Pasteur, 25 rue du Dr.  
Roux, 75724 Paris Cedex 15, France.

SO Proceedings of the National Academy of Sciences of the United States of  
America, ( \*\*\*1997\*\*\* ) Vol. 94, No. 17, pp. 9326-9331. 46 ref.  
ISSN: 0027-8424

DT Journal  
LA English  
ED Entered STN: 19970000  
Last Updated on STN: 19970000

L4 ANSWER 75 OF 246 CABA COPYRIGHT 2004 CABI on STN  
AN 97:156254 CABA  
DN 19972004030

TI Coreceptors: implications for HIV pathogenesis and therapy

AU Moore, J. P.  
CS Aaron Diamond AIDS Research Center, Rockefeller University, New York, NY  
10016, USA.

SO Science (Washington), ( \*\*\*1997\*\*\* ) Vol. 276, No. 5309, pp. 51-52. 28  
ref.  
ISSN: 0036-8075

DT Journal  
LA English  
ED Entered STN: 19970000  
Last Updated on STN: 19970000

L4 ANSWER 76 OF 246 CANCERLIT on STN  
AN 2002113918 CANCERLIT  
DN 21584860 PubMed ID: 11727495

TI Papillomavirus-like particle based vaccines: cervical cancer and beyond.

AU Schiller J T; Lowy D R  
CS National Cancer Institute, Bethesda, MD, USA.. schillej@dc37a.nci.nih.gov

SO Expert Opin Biol Ther, \*\*\* (2001 Jul)\*\*\* 1 (4) 571-81. Ref: 77  
Journal code: 101125414. ISSN: 1471-2598.

CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)

LA English  
FS MEDLINE: Priority Journals

EM 200202  
 ED Entered STN: 20020726  
 Last Updated on STN: 20020726

L4 ANSWER 77 OF 246 CANCERLIT on STN  
 AN 2002086039 CANCERLIT  
 DN 21448636 PubMed ID: 11564593  
 TI Immune dysfunction and immune restoration disease in HIV patients given highly active antiretroviral therapy.  
 AU Price P; Mathiot N; Krueger R; Stone S; Keane N M; French M A  
 CS Department of Clinical Immunology and Biochemical Genetics, Royal Perth Hospital, GPO X2213, Perth, WA 6001, Australia.. pprice@cyllene.uwa.edu.au  
 SO JOURNAL OF CLINICAL VIROLOGY, \*\*\*\*(2001 Oct)\*\*\* 22 (3) 279-87.  
 Journal code: 9815671. ISSN: 1386-6532.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 2001517555  
 EM 200112  
 ED Entered STN: 20020726  
 Last Updated on STN: 20020726

L4 ANSWER 78 OF 246 CANCERLIT on STN  
 AN 1999057046 CANCERLIT  
 DN 99057046 PubMed ID: 9842912  
 TI Lymphocyte-specific chemokine receptor CXCR3: regulation, chemokine binding and gene localization.  
 AU Loetscher M; Loetscher P; Brass N; Meese E; Moser B  
 CS Theodor-Kocher Institute, University of Bern, Switzerland.  
 SO EUROPEAN JOURNAL OF IMMUNOLOGY, \*\*\*\*(1998 Nov)\*\*\* 28 (11) 3696-705.  
 Journal code: 1273201. ISSN: 0014-2980.  
 CY GERMANY: Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 1999057046  
 EM 199812  
 ED Entered STN: 19990127  
 Last Updated on STN: 19990127

L4 ANSWER 79 OF 246 CANCERLIT on STN  
 AN 97217362 CANCERLIT  
 DN 97217362 PubMed ID: 9120386  
 TI C-C chemokines released by lipopolysaccharide (LPS)-stimulated human macrophages suppress HIV-1 infection in both macrophages and T cells.  
 AU Verani A; Scarlatti G; Comar M; Tresoldi E; Polo S; Giacca M; Lusso P; Siccardi A G; Vercelli D  
 CS Department of Biological and Technological Research, San Raffaele Scientific Institute, Milan, Italy.  
 SO JOURNAL OF EXPERIMENTAL MEDICINE, \*\*\*\*(1997 Mar 3)\*\*\* 185 (5) 805-16.  
 Journal code: 2985109R. ISSN: 0022-1007.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals; AIDS  
 OS MEDLINE 97217362  
 EM 199704  
 ED Entered STN: 19970509  
 Last Updated on STN: 19970509

L4 ANSWER 80 OF 246 CANCERLIT on STN  
 AN 97151067 CANCERLIT  
 DN 97151067 PubMed ID: 8995603  
 TI CD4, CXCR-4, and CCR-5 dependencies for infections by primary patient and laboratory-adapted isolates of human immunodeficiency virus type 1.  
 AU Kozak S L; Platt E J; Madani N; Ferro F E Jr; Peden K; Kabat D  
 CS Department of Biochemistry and Molecular Biology, Oregon Health Sciences University, Portland 97201-3098, USA.  
 NC CA67358 (NCI)  
 SO JOURNAL OF VIROLOGY, \*\*\*\*(1997 Feb)\*\*\* 71 (2) 873-82.  
 Journal code: 0113724. ISSN: 0022-538X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English

OS MEDLINE 97151067  
EM 199702  
ED Entered STN: 19970305  
Last Updated on STN: 19970509

L4 ANSWER 81 OF 246 CANCERLIT on STN  
AN 97064176 CANCERLIT  
DN 97064176 PubMed ID: 8906795  
TI CD4-induced interaction of primary HIV-1 gp120 glycoproteins with the chemokine receptor CCR-5.  
CM Comment in: Nature. 1996 Nov 14;384(6605):117-8  
AU Wu L; Gerard N P; Wyatt R; Choe H; Parolin C; Ruffing N; Borsetti A; Cardoso A A; Desjardin E; Newman W; Gerard C; Sodroski J  
CS LeukoSite, Inc., Cambridge, Massachusetts 02142, USA.  
SO NATURE, \*\*\* (1996 Nov 14) \*\*\* 384 (6605) 179-83.  
Journal code: 0410462. ISSN: 0028-0836.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals; AIDS  
OS MEDLINE 97064176  
EM 199612  
ED Entered STN: 19970108  
Last Updated on STN: 19970509

L4 ANSWER 82 OF 246 CANCERLIT on STN  
AN 97054456 CANCERLIT  
DN 97054456 PubMed ID: 8898753  
TI The V3 domain of the HIV-1 gp120 envelope glycoprotein is critical for chemokine-mediated blockade of infection.  
CM Comment in: Nat Med. 1997 Apr;3(4):367-8  
AU Cocchi F; DeVico A L; Garzino-Demo A; Cara A; Gallo R C; Lusso P  
CS Institute of Human Virology, University of Maryland Biotechnology Institute & School of Medicine, Baltimore, Maryland 21201, USA.  
SO NATURE MEDICINE, \*\*\* (1996 Nov) \*\*\* 2 (11) 1244-7.  
Journal code: 9502015. ISSN: 1078-8956.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals; AIDS  
OS MEDLINE 97054456  
EM 199612  
ED Entered STN: 19970108  
Last Updated on STN: 19970509

L4 ANSWER 83 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:264557 CAPLUS  
DN 140:265630  
TI Generation of vaccine vectors with improved immunoprotective efficiency by engineering antigenicity and immunostimulation of gene products by directed evolution  
IN Short, Jay M.  
PA Diversa Corporation, USA  
SO U.S., 278 pp., Cont.-in-part of U.S. Ser. No. 495,052.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 41

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6713279	B1	20040330	US 2000-498557	20000204
	US 5939250	A	19990817	US 1996-651568	19960522 <--
	US 5965408	A	19991012	US 1996-677112	19960709 <--
	US 5830696	A	19981103	US 1996-760489	19961205 <--
	US 6489145	B1	20021203	US 1997-962504	19971031
	US 6335179	B1	20020101	US 1998-185373	19981103
	US 6171820	B1	20010109	US 1999-246178	19990204 <--
	US 6238884	B1	20010529	US 1999-267118	19990309 <--
	US 6352842	B1	20020305	US 1999-276860	19990326
	US 6537776	B1	20030325	US 1999-332835	19990614
	US 6479258	B1	20021112	US 2000-495052	20000131
	US 6358709	B1	20020319	US 2000-522289	20000309
	US 6361974	B1	20020326	US 2000-535754	20000327
	AU 756201	B2	20030109	AU 2000-48933	20000731 <--
	AU 2000048933	A5	20001005		

	US 2002086279	A1	20020704	US 2001-875412	20010606
	US 6677115	B2	20040113		
	US 2002146762	A1	20021010	US 2001-885551	20010619
	US 2003194763	A1	20031016	US 2002-99816	20020314
	US 6713282	B2	20040330		
	US 2003036116	A1	20030220	US 2002-108077	20020326
	US 6635449	B2	20031021		
	US 2003219752	A1	20031127	US 2002-151469	20020517
	US 2004029174	A1	20040212	US 2003-382283	20030305
	US 2004077090	A1	20040422	US 2003-383798	20030306
PRAI	US 1995-8311P	P	19951207		
	US 1995-8316P	P	19951207		
	US 1996-651568	A2	19960522		
	US 1996-677112	A2	19960709		
	US 1996-760489	A1	19961205		
	US 1997-962504	A2	19971031		
	US 1998-185373	A2	19981103		
	US 1999-246178	A2	19990204		
	US 1999-267118	A2	19990309		
	US 1999-276860	A2	19990326		
	US 1999-332835	A2	19990614		
	US 2000-495052	A2	20000131		
	AU 1997-11489	A3	19961206		
	US 1997-988224	A1	19971210		
	US 1999-214645	A2	19990927		
	US 1999-156815P	P	19990929		
	US 1999-444112	A2	19991122		
	US 2000-498557	A2	20000204		
	WO 2000-US3086	A2	20000204		
	US 2000-522289	A2	20000309		
	WO 2000-US6497	A2	20000309		
	US 2000-535754	A1	20000327		
	WO 2000-US8245	A2	20000327		
	US 2000-594459	A2	20000614		
	WO 2000-US16838	A2	20000614		
	US 2000-636778	A2	20000811		
	US 2000-677584	B1	20000930		
	US 2000-685432	A2	20001010		
	US 2000-687219	A3	20001012		
	WO 2000-US32208	A2	20001122		
	US 2000-738871	A2	20001215		
	US 2001-756459	A2	20010108		
	US 2001-761559	A2	20010116		
	US 2001-790321	A2	20010221		
	US 2001-848185	A2	20010503		
	US 2001-885551	A1	20010619		

RE.CNT 137 THERE ARE 137 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 84 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:509429 CAPLUS  
DN 140:162096  
TI Structure and function of the glycosaminoglycan binding site of RANTES  
AU Martin, Loic; Garnier, Pascale; Blanpain, Cedric; Parmentier, Marc; Vita, Claudio  
CS Departement d'Ingenierie et d'Etudes des Proteines, CEA Saclay, Gif-sur-Yvette, 91190, Fr.  
SO Peptides 2000, Proceedings of the European Peptide Symposium, 26th, Montpellier, France, Sept. 10-15, 2000 ( \*\*\*2001\*\*\* ), Meeting Date 2000, 143-144. Editor(s): Martinez, Jean; Fehrentz, Jean-Alain. Publisher: Editions EDK, Paris, Fr. CODEN: 69EDWK; ISBN: 2-84254-048-4  
DT Conference  
LA English

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 85 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:864345 CAPLUS  
DN 137:364388  
TI Generation of vaccine vectors with improved immunoprotective efficiency by engineering antigenicity and immunostimulation of gene products by directed evolution  
IN Short, Jay M.  
PA Diversa Corporation. USA

DT CODEN: USXXAM  
LA Patent  
FAN. CNT 41 English

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6479258	B1	20021112	US 2000-495052	20000131
	US 5830696	A	19981103	US 1996-760489	19961205 <--
	US 6335179	B1	20020101	US 1998-185373	19981103
	US 6171820	B1	20010109	US 1999-246178	19990204 <--
	US 6352842	B1	20020305	US 1999-276860	19990326
	US 6713279	B1	20040330	US 2000-498557	20000204
	US 6358709	B1	20020319	US 2000-522289	20000309
	US 6361974	B1	20020326	US 2000-535754	20000327
	AU 756201	B2	20030109	AU 2000-48933	20000731 <--
	AU 2000048933	A5	20001005		
	US 6562594	B1	20030513	US 2001-756459	20010108
	US 2002086279	A1	20020704	US 2001-875412	20010606
	US 6677115	B2	20040113		
	US 2002146762	A1	20021010	US 2001-885551	20010619
	US 2003194763	A1	20031016	US 2002-99816	20020314
	US 6713282	B2	20040330		
	US 2003036116	A1	20030220	US 2002-108077	20020326
	US 6635449	B2	20031021		
	US 2003219752	A1	20031127	US 2002-151469	20020517
	US 2003207287	A1	20031106	US 2002-223507	20020819
	US 2004029174	A1	20040212	US 2003-382283	20030305
	US 2004077090	A1	20040422	US 2003-383798	20030306
PRAI	US 1995-8311P	P	19951207		
	US 1996-760489	A2	19961205		
	US 1998-185373	A2	19981103		
	US 1999-246178	A2	19990204		
	US 1999-276860	A2	19990326		
	US 1995-8316P	P	19951207		
	US 1996-651568	A2	19960522		
	US 1996-677112	A2	19960709		
	AU 1997-11489	A3	19961206		
	US 1997-962504	A2	19971031		
	US 1997-988224	A1	19971210		
	US 1999-267118	A2	19990309		
	US 1999-332835	A2	19990614		
	US 1999-214645	A2	19990927		
	US 1999-156815P	P	19990929		
	US 1999-444112	A2	19991122		
	US 2000-495052	A2	20000131		
	US 2000-498557	A2	20000204		
	WO 2000-US3086	A2	20000204		
	US 2000-522289	A2	20000309		
	WO 2000-US6497	A2	20000309		
	US 2000-535754	A1	20000327		
	WO 2000-US8245	A2	20000327		
	US 2000-594459	A2	20000614		
	WO 2000-US16838	A2	20000614		
	US 2000-636778	A2	20000811		
	US 2000-677584	B1	20000930		
	US 2000-685432	A2	20001010		
	US 2000-687219	A3	20001012		
	WO 2000-US32208	A2	20001122		
	US 2000-738871	A2	20001215		
	US 2001-756459	A2	20010108		
	US 2001-761559	A2	20010116		
	US 2001-790321	A2	20010221		
	US 2001-848185	A2	20010503		
	US 2001-885551	A1	20010619		

L4 ANSWER 86 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:676610 CAPLUS

DN 135:221299

TI Composition and method using an immunomodulating agent for the treatment of heart failure

IN Aukrust, Pal; Froland, Stig; Simonsen, Svein; Aass, Halfdan; Fjeld, Jan; Andreassen, Arne; Ihlen, Halfdan; Kjekshus, John; Nitter-Hauge, Sigurd; Ueland, Thor; Gullestad, Lars; Lien, Egil

PA Medinnova SF, Norway; Jones, Elizabeth Louise

SO PCT Int. Appl.. 70 pp.

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001066124	A2	20010913	WO 2001-GB1054	20010309 <--
	WO 2001066124	A3	20020328		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1267905	A2	20030102	EP 2001-911868	20010309
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	JP 2003525905	T2	20030902	JP 2001-564776	20010309
	NO 2002004289	A	20021111	NO 2002-4289	20020909
	US 2003170241	A1	20030911	US 2003-204218	20030220
PRAI	GB 2000-5867	A	20000310		
	GB 2000-27661	A	20001113		
	WO 2001-GB1054	W	20010309		

L4 ANSWER 87 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:661452 CAPLUS  
DN 135:236401  
TI Sulfated \*\*\*CCR5\*\*\* peptides for HIV-1 infection  
IN Dragic, Tatjana; Olson, William C.  
PA Progenics Pharmaceuticals, Inc., USA; Aaron Diamond Aids Research Centre  
SO PCT Int. Appl., 163 pp.  
CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001064710	A2	20010907	WO 2001-US6699	20010228 <--
	WO 2001064710	C1	20031231		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 2001047254	A5	20010912	AU 2001-47254	20010228 <--
	US 2002068813	A1	20020606	US 2001-796202	20010228
	US 6548636	B2	20030415		
	EP 1399180	A2	20040324	EP 2001-920173	20010228
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	US 2003139571	A1	20030724	US 2002-323314	20021219
PRAI	US 2000-185667P	P	20000229		
	US 2000-205839P	P	20000519		
	US 2001-267231P	P	20010207		
	US 2001-796202	A1	20010228		
	WO 2001-US6699	W	20010228		
OS	MARPAT 135:236401				

L4 ANSWER 88 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:594747 CAPLUS  
DN 135:287288  
TI Structural Comparison of Monomeric Variants of the Chemokine MIP-1.beta. Having Differing Ability To Bind the Receptor \*\*\*CCR5\*\*\*  
AU Kim, Seho; Jao, Shu-chuan; Laurence, Jennifer S.; LiWang, Patricia J.  
CS Department of Biochemistry and Biophysics, Texas AM University, TAMU 2128, College Station, TX, 77843-2128, USA  
SO Biochemistry ( \*\*\*2001\*\*\* ), 40(36), 10782-10791  
CODEN: BICHAW; ISSN: 0006-2960  
PB American Chemical Society

LA English

RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 89 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:480485 CAPLUS  
DN 136:210076  
TI Pepstatin A inhibits the rapid turnover of chemokine receptors on  
trophoblast cells: application on HIV therapy  
AU Athanassakis, I.; Protopapadakis, E.; Papadimitriou, L.; Vassiliadis, S.  
CS Department of Biology, University of Crete, Crete, Greece  
SO European Conference on Experimental AIDS Research, 5th, Madrid, Spain, une  
16-19, 2000 ( \*\*\*\*2000\*\*\* ), 95-103 Publisher: Monduzzi Editore, Bologna,  
Italy.  
CODEN: 69BKTN  
DT Conference  
LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 90 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:434903 CAPLUS  
DN 135:24723  
TI Medical compositions containing \*\*\*CCR5\*\*\* antagonists for oral use  
IN Akiyama, Yohko; Nagahara, Naoki; Matsumoto, Yukihiro  
PA Takeda Chemical Industries, Ltd., Japan  
SO PCT Int. Appl., 88 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001041808	A1	20010614	WO 2000-JP8648	20001207 <--
	W:	AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 2001017324	A5	20010618	AU 2001-17324	20001207 <--
	EP 1236476	A1	20020904	EP 2000-979962	20001207
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
	JP 2001302544	A2	20011031	JP 2000-373813	20001208 <--
	US 2003078189	A1	20030424	US 2002-149239	20020606
PRAI	JP 1999-351798	A	19991210		
	JP 2000-43600	A	20000216		
	WO 2000-JP8648	W	20001207		

OS MARPAT 135:24723

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 91 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:293141 CAPLUS  
DN 135:151353  
TI Chemokines control fat accumulation and leptin secretion by cultured human adipocytes  
AU Gerhardt, C. C.; Romero, I. A.; Canello, R.; Camoin, L.; Strosberg, A. D.  
CS CNRS UPR 0415, Institut Cochin de Genetique Moleculaire, Paris, 75014, Fr.  
SO Molecular and Cellular Endocrinology ( \*\*\*\*2001\*\*\* ), 175(1-2), 81-92  
CODEN: MCEND6; ISSN: 0303-7207  
PB Elsevier Science Ireland Ltd.  
DT Journal  
LA English

RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 92 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2000:824045 CAPLUS  
DN 133:359232  
TI Anti-inflammatory therapy for inflammatory-mediated infection  
IN Anton, Peter A.; Poles, Michael A.; Giorai, Janis V.; Elliott, Julie E.



SO PCT Int. Appl., 97 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000069255	A1	20001123	WO 2000-US13142	20000512	<--
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	BR 2000010546	A	20020305	BR 2000-10546	20000512	
	EP 1202620	A1	20020508	EP 2000-932379	20000512	
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	JP 2002544210	T2	20021224	JP 2000-617724	20000512	
	US 2003138399	A1	20030724	US 2000-569765	20000512	
PRAI	US 1999-134091P	P	19990514			
	WO 2000-US13142	W	20000512			

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 93 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:742913 CAPLUS

DN 134:28286

TI HIV-1 membrane fusion: targets of opportunity

AU Doms, Robert W.; Moore, John P.

CS Department of Pathology and Laboratory Medicine, University of Pennsylvania, Philadelphia, PA, 19104, USA

SO Journal of Cell Biology ( \*\*\*2000\*\*\* ), 151(2), F9-F13

CODEN: JCLBA3; ISSN: 0021-9525

PB Rockefeller University Press

DT Journal; General Review

LA English

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 94 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2000:666777 CAPLUS

DN 133:251277

TI A novel chimeric protein for prevention and treatment of HIV infection

IN Berger, Edward A.; Del Castillo, Christie M.

PA United States of America, Department of Health & Human Services, the National Institutes of Health, USA

SO PCT Int. Appl., 55 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 2000055207	A1	20000921	WO 2000-US6946	20000316	<--
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1161455	A1	20011212	EP 2000-918015	20000316	<--
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	AU 765218	B2	20030911	AU 2000-38896	20000316	
PRAI	US 1999-124681P	P	19990316			
	WO 2000-US6946	W	20000316			

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CTTATTONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 95 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:425768 CAPLUS  
 DN 131:57784  
 TI Reducing susceptibility to HIV infection  
 IN Thomas, Elaine K.  
 PA Immunex Corporation, USA  
 SO PCT Int. Appl., 26 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 9932138	A1	19990701	WO 1998-US27005	19981218	<--
	W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
	CA 2313805	AA	19990701	CA 1998-2313805	19981218	<--
	AU 9920041	A1	19990712	AU 1999-20041	19981218	<--
	EP 1059932	A1	20001220	EP 1998-964798	19981218	<--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI					
	JP 2001526241	T2	20011218	JP 2000-525129	19981218	<--
PRAI	US 1997-68355P	P	19971219			
	US 1998-98474P	P	19980831			
	WO 1998-US27005	W	19981218			

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 96 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:344861 CAPLUS  
 DN 131:4240  
 TI Immunoglobulin molecules having a synthetic variable region and modified specificity  
 IN Burch, Ronald M.  
 PA Euro-Celtique, S.A., Bermuda  
 SO PCT Int. Appl., 123 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	WO 9925378	A1	19990527	WO 1998-US24302	19981113	<--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
	CA 2309990	AA	19990527	CA 1998-2309990	19981113	<--
	CA 2310269	AA	19990527	CA 1998-2310269	19981113	<--
	WO 9925379	A1	19990527	WO 1998-US24303	19981113	<--
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM					
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG					
	AU 9914597	A1	19990607	AU 1999-14597	19981113	<--
	AU 763029	B2	20030710			
	AU 9914598	A1	19990607	AU 1999-14598	19981113	<--
	AU 737457	B2	20010823			
	EP 1030684	A1	20000830	EP 1998-958584	19981113	<--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI					
	EP 1032420	A1	20000906	EP 1998-958583	19981113	<--

IE, FI

JP 2001526021	T2	20011218	JP 2000-520811	19981113	<--
BR 9815289	A	20011226	BR 1998-15289	19981113	<--
BR 9815580	A	20020129	BR 1998-15580	19981113	
JP 2002507544	T2	20020312	JP 2000-520812	19981113	
ZA 9900048	A	19990708	ZA 1999-48	19990105	<--
ZA 9900049	A	20000309	ZA 1999-49	19990105	<--
US 2002028469	A1	20020307	US 2001-963232	20010926	
WO 2003026879	A2	20030403	WO 2002-US27446	20020828	
WO 2003026879	A3	20030605			

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 1997-65716P P 19971114  
US 1998-81403P P 19980410  
US 1998-191780 A1 19981113  
WO 1998-US24302 W 19981113  
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US 2001-963232 A 20010926

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 97 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:100599 CAPLUS  
DN 130:266263  
TI Direct analysis of viral-specific CD8+ T cells with \*\*\*soluble\*\*\*  
HLA-A2/tax11-19 tetramer complexes in patients with human T cell  
lymphotropic virus-associated myelopathy  
AU Bieganowska, Katarzyna; Hollsberg, Per; Buckle, Guy J.; Lim, Dong-Gyun;  
Greten, Tim F.; Schneck, Jonathan; Altman, John D.; Jacobson, Steven;  
Ledis, Stephen L.; Hanchard, Barrie; Chin, Jonathan; Morgan, Owen; Roth,  
Patricia A.; Hafner, David A.  
CS Center for Neurologic Diseases, Brigham and Women's Hospital and Harvard  
Medical School, Boston, MA, 02115, USA  
SO Journal of Immunology ( \*\*\*1999\*\*\* ), 162(3), 1765-1771  
CODEN: JOIMA3; ISSN: 0022-1767  
PB American Association of Immunologists  
DT Journal  
LA English

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 98 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:77928 CAPLUS  
DN 131:4113  
TI Control mechanisms of virus replication in naturally SIVsmm infected  
mangabeys and experimentally infected macaques  
AU Villinger, Francois; Brice, Gary T.; Mayne, Ann; Bostik, Pavel; Ansari,  
Aftab A.  
CS Department of Pathology and Laboratory Medicine, Winship Cancer Center,  
Emory University School of Medicine, Atlanta, GA, 30322, USA  
SO Immunology Letters ( \*\*\*1999\*\*\* ), 66(1-3), 37-46  
CODEN: IMLED6; ISSN: 0165-2478  
PB Elsevier Science Ireland Ltd.  
DT Journal  
LA English

RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 99 OF 246 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:667644 CAPLUS  
DN 130:79903  
TI Strategies of immune invasion by human immunodeficiency virus type 1  
AU Sodroski, Joseph; Sullivan, Nancy; Cao, Jie; Farzan, Michael; Choe,  
Hyeryun; Desjardins, Elizabeth; Moore, John; Gershoni, Jonathan; Wyatt,  
Richard  
CS Department of Cancer Immunology and AIDS, Dana-Farber Cancer Institute,  
Boston, MA, USA

Gardes, 11th, Paris, Oct. 27-29, 1997 ( \*\*\*1998\*\*\* ), Meeting Date 1997, 223-225. Editor(s): Girard, Marc; Dodet, Betty. Publisher: Elsevier, Paris, Fr.

CODEN: 66UXAF

DT Conference; General Review

LA English

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 100 OF 246 CIN COPYRIGHT 2004 ACS on STN

AN 30(26):27106V CIN

TI Other research news

SO BioCentury, 11 Jun 2001 (20010611), 9(26, Pt. 2), p. B15. ISSN: 1097-7201; CODEN: BICEFS.

LA English

L4 ANSWER 101 OF 246 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN

AN 2003:17054 DISSABS Order Number: AAIC808674 (not available for sale by UMI)

TI Role of monocytes in the pathogenesis of HIV-1 infection (Immune deficiency)

AU Borgucci, Alessia Verani [Ph.D.]

CS Open University (United Kingdom) (0949)

SO Dissertation Abstracts International, ( \*\*\*2001\*\*\* ) Vol. 63, No. 3C, p. 435. Order No.: AAIC808674 (not available for sale by UMI).

DT Dissertation

FS DAI

LA English

L4 ANSWER 102 OF 246 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN

AN 2002:2789 DISSABS Order Number: AAI3011409

TI CD4-independence of a \*\*\*CCR5\*\*\* -using HIV-1 primary isolate

AU Kolchinsky, Peter [Ph.D.]; Sodroski, Joseph G. [adviser]

CS Harvard University (0084)

SO Dissertation Abstracts International, ( \*\*\*2001\*\*\* ) Vol. 62, No. 4B, p. 1711. Order No.: AAI3011409. 157 pages. ISBN: 0-493-21317-1.

DT Dissertation

FS DAI

LA English

L4 ANSWER 103 OF 246 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN

AN 1999:25062 DISSABS Order Number: AAI9911342

TI EFFECTS OF BACTERIAL CELL WALL COMPONENTS ON HUMAN IMMUNODEFICIENCY VIRUS INFECTION OF MACROPHAGES (LIPOPOLYSACCHARIDE, IMMUNE DEFICIENCY, OPPORTUNISTIC INFECTIONS)

AU MORIUCHI, MASAKO [PH.D.]; TURNER, WILLIE [adviser]

CS HOWARD UNIVERSITY (0088)

SO Dissertation Abstracts International, ( \*\*\*1998\*\*\* ) Vol. 59, No. 11B, p. 5697. Order No.: AAI9911342. 100 pages.

DT Dissertation

FS DAI

LA English

L4 ANSWER 104 OF 246 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN

AN 1998:10620 DISSABS Order Number: AAR9810653

TI THE ROLE OF CHEMOKINE RECEPTORS IN HIV-1 AND SIV INFECTION (IMMUNE DEFICIENCY)

AU FARZAN, MICHAEL REYNOLDS [PH.D.]; SODROSKI, JOSEPH GERARD [adviser]

CS HARVARD UNIVERSITY (0084)

SO Dissertation Abstracts International, ( \*\*\*1997\*\*\* ) Vol. 58, No. 9B, p. 4710. Order No.: AAR9810653. 138 pages.

DT Dissertation

FS DAI

LA English

L4 ANSWER 105 OF 246 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

AN AAY39248 peptide DGENE

TI New G protein-coupled receptor-modulating agents, used for treating e.g. cancer, inflammation, asthma, obesity, depression, schizophrenia, anxiety or pain, or for controlling blood pressure -

PA (USSH) US DEPT HEALTH & HUMAN SERVICES.  
 PI \*\*\*WO 9943711 A1 19990902 78p\*\*\*  
 AI WO 1999-US4438 19990226  
 PRAI US 1998-76105 19980227  
 DT Patent  
 LA English  
 OS 1999-540564 [45]  
 DESC G-protein coupled receptor \*\*\*CCR5\*\*\* modulator TM-7-1.

L4 ANSWER 106 OF 246 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAY39247 peptide DGENE  
 TI New G protein-coupled receptor-modulating agents, used for treating e.g. cancer, inflammation, asthma, obesity, depression, schizophrenia, anxiety or pain, or for controlling blood pressure -  
 IN Tarasova N I; Michejda C J  
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.  
 PI \*\*\*WO 9943711 A1 19990902 78p\*\*\*  
 AI WO 1999-US4438 19990226  
 PRAI US 1998-76105 19980227  
 DT Patent  
 LA English  
 OS 1999-540564 [45]  
 DESC G-protein coupled receptor \*\*\*CCR5\*\*\* modulator TM-6-1.

L4 ANSWER 107 OF 246 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAY39246 peptide DGENE  
 TI New G protein-coupled receptor-modulating agents, used for treating e.g. cancer, inflammation, asthma, obesity, depression, schizophrenia, anxiety or pain, or for controlling blood pressure -  
 IN Tarasova N I; Michejda C J  
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.  
 PI \*\*\*WO 9943711 A1 19990902 78p\*\*\*  
 AI WO 1999-US4438 19990226  
 PRAI US 1998-76105 19980227  
 DT Patent  
 LA English  
 OS 1999-540564 [45]  
 DESC G-protein coupled receptor \*\*\*CCR5\*\*\* modulator TM-4-1.

L4 ANSWER 108 OF 246 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAY39245 peptide DGENE  
 TI New G protein-coupled receptor-modulating agents, used for treating e.g. cancer, inflammation, asthma, obesity, depression, schizophrenia, anxiety or pain, or for controlling blood pressure -  
 IN Tarasova N I; Michejda C J  
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.  
 PI \*\*\*WO 9943711 A1 19990902 78p\*\*\*  
 AI WO 1999-US4438 19990226  
 PRAI US 1998-76105 19980227  
 DT Patent  
 LA English  
 OS 1999-540564 [45]  
 DESC G-protein coupled receptor \*\*\*CCR5\*\*\* modulator TM-2-2.

L4 ANSWER 109 OF 246 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAW60051 peptide DGENE  
 TI Derivatives of gp120 containing modified chemokine receptor binding site - and complexes with \*\*\*soluble\*\*\* CD40, for inhibiting infectivity of human immune deficiency virus and to screen for inhibitors  
 IN Gerard C; Gerard N; Newman W; Sodroski J; Wu L  
 PA (CHIL-N) CHILDRENS MEDICAL CENT.  
 (DAND) DANA FARBER CANCER INST INC.  
 (LEUK-N) LEUKOSITE INC.  
 PI \*\*\*WO 9815569 A1 19980416 92p\*\*\*  
 AI WO 1997-US18397 19971008  
 PRAI US 1996-27931 19961009  
 DT Patent  
 LA English  
 OS 1998-240778 [21]  
 DESC Amino terminal sequence of chemokine receptor \*\*\*CCR5\*\*\*

L4 ANSWER 110 OF 246 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN AAV34528 DNA DGENE  
 TI Derivatives of gp120 containing modified chemokine receptor binding site - and complexes with \*\*\*soluble\*\*\* CD40. for inhibiting infectivity

IN Gerard C; Gerard N; Newman W; Sodroski J; Wu L  
PA (CHIL-N) CHILDRENS MEDICAL CENT.  
(DAND) DANA FARBER CANCER INST INC.  
(LEUK-N) LEUKOSITE INC.  
PI \*\*\*WO 9815569 A1 19980416 92p\*\*\*  
AI WO 1997-US18397 19971008  
PRAI US 1996-27931 19961009  
DT Patent  
LA English  
OS 1998-240778 [21]  
DESC Chemokine receptor \*\*\*CCR5\*\*\* amplifying RT-PCR primer 2.

L4 ANSWER 111 OF 246 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN  
AN AAV34527 DNA DGENE  
TI Derivatives of gp120 containing modified chemokine receptor binding site  
- and complexes with \*\*\*\*soluble\*\*\*\* CD40, for inhibiting infectivity  
of human immune deficiency virus and to screen for inhibitors  
IN Gerard C; Gerard N; Newman W; Sodroski J; Wu L  
PA (CHIL-N) CHILDRENS MEDICAL CENT.  
(DAND) DANA FARBER CANCER INST INC.  
(LEUK-N) LEUKOSITE INC.  
PI \*\*\*WO 9815569 A1 19980416 92p\*\*\*  
AI WO 1997-US18397 19971008  
PRAI US 1996-27931 19961009  
DT Patent  
LA English  
OS 1998-240778 [21]  
DESC Chemokine receptor \*\*\*CCR5\*\*\* amplifying RT-PCR primer 1.

L4 ANSWER 112 OF 246 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2001-33034 DRUGU M  
TI Amino-terminus modified RANTES analogues as topical virustats.  
AU Lederman M M; Mosier D; Arts E A; Blauvelt A; Flexner C; Letvin N;  
Hartley O; Offord R  
CS Univ.Case-Western-Reserve; Univ.Johns-Hopkins  
LO Cleveland, Ohio, La Jolla, Cal., Bethesda; Baltimore, Md.; Boston, Mass.,  
USA; Geneva, Switz.  
SO Antiviral Res. (51, No. 1, 9-10, 2001)  
CODEN: ARSRDR ISSN: 0166-3542  
AV Case Western Reserve University, Cleveland, Ohio, U.S.A.  
LA English  
DT Journal  
FA AB; LA; CT  
FS Literature

L4 ANSWER 113 OF 246 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2000-27433 DRUGU T M  
TI Current evidence and future directions for targeting HIV entry.  
Therapeutic and prophylactic strategies.  
AU D'Souza M P; Cairns J S; Plaeger S F  
CS Nat.Inst.Health-Bethesda  
LO Bethesda, Md., USA  
SO J.Am.Med.Assoc. (284, No. 2, 215-22, 2000) 1 Fig. 1 Tab. 99 Ref.  
CODEN: JAMAAP ISSN: 0098-7484  
AV Vaccine Clin. Res. Branch, Division of AIDS, Nat. Inst. of Allergy and  
Infectious Diseases, Nat. Inst. of Health, Room 4152, 6700-B Rockledge  
Dr., Bethesda, MD 20892, U.S.A. (e-mail: pd6n@nih.gov).  
LA English  
DT Journal  
FA AB; LA; CT  
FS Literature

L4 ANSWER 114 OF 246 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 1999-42056 DRUGU M  
TI Postexposure immunoprophylaxis of primary isolates by an antibody to HIV  
receptor complex.  
AU Wang C Y; Sawyer L S W; Murthy K K; Fang X; Walfield A M; Ye J; Wang J J  
G; Chen P D; Li M L; Salas M T  
CS United-Biomedical; Univ.Duke; Walter-Reed-Army-Inst.Res.  
LO Hauppauge; New-York, N.Y., Berkeley, Cal., San Antonio, Tex., Durham,  
SO Proc.Natl.Acad.Sci.U.S.A. (96, No. 18, 10367-72, 1999) 6 Tab. 33 Ref.  
CODEN: PNASA6 ISSN: 0027-8424  
AV United Biomedical Inc., 25 Davids Drive, Hauppauge, NY 11788, U.S.A. (18  
authors). (e-mail: pr@unitedbiomedical.com).  
LA English

FA AB; LA; CT  
 FS Literature

L4 ANSWER 115 OF 246 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 2001427459 EMBASE  
 TI HIV resistance to entry inhibitors.  
 AU Este J.A.  
 CS J.E. Este, Fundacio IrsiCaixa, Retrovirology Laboratory, Hospital Univ.  
 Germans Trias i Pujol, 08916 Badalona, Spain. jaeste@ns.hugtip.scs.es  
 SO AIDS Reviews, (2001) 3/3 (121-132).  
 Refs: 104  
 ISSN: 1139-6121 CODEN: ADRVF6  
 CY Spain  
 DT Journal; General Review  
 FS 004 Microbiology  
 030 Pharmacology  
 037 Drug Literature Index  
 022 Human Genetics  
 LA English  
 SL English

L4 ANSWER 116 OF 246 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 2001149120 EMBASE  
 TI Interactions between endothelial cells and HIV-1.  
 AU Bussolino F.; Mitola S.; Serini G.; Barillari G.; Ensoli B.  
 CS F. Bussolino, Department of Genetics, Inst. for Cancer Res. and Treatment,  
 University of Torino, s.p. 142, Km. 395, 10060 Candiollo, Torino, Italy.  
 fbussolino@ircc.unito.it  
 SO International Journal of Biochemistry and Cell Biology, (2001) 33/4  
 (371-390).  
 Refs: 208  
 ISSN: 1357-2725 CODEN: IJBBFU  
 PUI S 1357-2725(01)00024-3  
 CY United Kingdom  
 DT Journal; General Review  
 FS 016 Cancer  
 026 Immunology, serology and Transplantation  
 029 Clinical Biochemistry  
 LA English  
 SL English

L4 ANSWER 117 OF 246 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 2000275072 EMBASE  
 TI CD8 T cells in HIV infection: Mechanisms of immunity.  
 AU Yang O.O.  
 CS Dr. O.O. Yang, AIDS Res. Ctr./Infectious Dis. Unit, Massachusetts General  
 Hospital, Harvard Medical School, Boston, MA, United States  
 SO Hospital Practice, (15 Nov 1998) 33/11 (105-127).  
 ISSN: 8750-2836 CODEN: HOPRBW  
 CY United States  
 DT Journal; General Review  
 FS 004 Microbiology  
 026 Immunology, Serology and Transplantation  
 LA English  
 SL English

L4 ANSWER 118 OF 246 IFIPAT COPYRIGHT 2004 IFI on STN  
 AN 10034420 IFIPAT;IFIUDB;IFICDB  
 TI PROTEOLIPOSOMES CONTAINING AN INTEGRAL MEMBRANE PROTEIN HAVING ONE OR  
 MORE TRANSMEMBRANE DOMAINS; SURROUNDS AN ELLOPTIOD RO SPEHRICAL SHAPE  
 WHICH CONTAINS AN ATTRACTANT SUCH AS STREPTAVIDIN OR AVIDIN AND IS  
 ANCHORED TO TO THE PROTEIN; ISOLATION AND PURIFICATION WHILE MAINTAINING  
 IN A WILD-TYPE CONFORMATION  
 IN Mirzabekov Tajib; Sodroski Joseph G  
 PA Dana-Farber Cancer Institute Inc (11804)  
 PI US 2001034432 A1 20011025  
 AI US 2000-749240 20001227  
 PRAI US 1999-173675P 19991230 (Provisional)  
 US 2000-207596P 20000526 (Provisional)  
 FI US 2001034432 20011025  
 DT Utility; Patent Application - First Publication  
 FS CHEMICAL

## 17 Figure(s).

FIG. 1 is a schematic representation of the formation of a paramagnetic \*\*\*CCR5\*\*\*-proteoliposome. The surface of nonporous paramagnetic beads was covalently conjugated with streptavidin and an antibody that recognizes the genetically engineered C-terminal C9 tag on \*\*\*CCR5\*\*\*. The conjugated beads were used to capture the C9-tagged \*\*\*CCR5\*\*\* from the cell lysate. After extensive washing, the beads were mixed with detergent-solubilized lipid containing approximately 0.1-1% of Biotinyl-DPPE. During the removal of detergent by dialysis, the lipid bilayer membrane self-assembles around the beads and \*\*\*CCR5\*\*\* is returned to its native lipid environment.

FIGS. 2A and 2B show maintenance of native \*\*\*CCR5\*\*\* conformation in buffers containing different detergents. Approximately  $4 \times 10^6$  (35S)Met/Cys-labeled Cf2Th/PACH/synCCR5 cells were lysed in 1 ml of ice-cold solubilization buffer (100 mM (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>, 20 mM Tris-HCl (pH 7.5), 10% glycerol) supplemented with a protease inhibitor mixture and 1% (w/v) of different detergents. After 30 min of solubilization and 30 min of centrifugation, the cleared cell lysates were separated into two equal portions. One portion was precipitated with 2D7 (a conformation-dependent antibody against \*\*\*CCR5\*\*\* ) and the other portion with 1D4 (an antibody that recognizes the linear C9 epitope tag). The precipitates were run on SDS-polyacrylamide gels, and two parameters were examined: 1) the total quantity of \*\*\*CCR5\*\*\* precipitated by the 1D4 antibody, and 2) the ratio of \*\*\*CCR5\*\*\* precipitated by the 2D7 antibody relative to that precipitated by the 1D4 antibody. FIG. 2A shows precipitates from cells lysed in buffer containing Cymal tm-5, DHPC and Fos-Choline tm-14. Similar levels of \*\*\*CCR5\*\*\* were precipitated by the 1D4 antibody from these lysates, but the percentage of conformationally intact \*\*\*CCR5\*\*\* varied (98% in Cymal tm-5, 10% in DHPC, and 13% in Fos-Choline tm-14). The sample run in the right-hand lane (asterisk) was the same as in the lane labeled 1D4 but was boiled prior to running on the gel, a procedure that results in the formation of high molecular weight multimers of \*\*\*CCR5\*\*\*. FIG. 2B shows the amounts of \*\*\*CCR5\*\*\* precipitated by the 1D4 (large-circle) and 2D7 (circle-solid) antibodies from cell lysates containing different detergents, over a range of pH values.

FIG. 3 shows quantitation of the lipid acquired by paramagnetic

\*\*\*CCR5\*\*\*-proteoliposome beads. Approximately  $10^8$  1D4/Streptavidin-conjugated beads were reconstituted with \*\*\*CCR5\*\*\* and different quantities of lipids. The lipid mixtures contained POPC/POPE/DPPA in a 6:3:1 molar ratio, as well as 1% each (by weight) of biotinyl-DPPE and rhodamine-DOPE. The intensity of lissamine rhodamine B fluorescence, which was measured by FACS, exhibited a mean value of 20,000 counts. The data points shown represent the average of three independent experiments, with standard deviations indicated. In the inset is the formula by which the approximate mass of total lipid (m) necessary for complete encapsulation of given number of beads (n) by a single lipid bilayer membrane was calculated. S is the estimated effective surface of the 2.5-micrometer diameter Dynal bead. The approximate area occupied by one lipid molecule in the bilayer membrane (P) was considered to be 60 Å<sup>2</sup>. NA is Avogadro's number and M the average molecular weight of the lipids used for membrane reconstitution.

FIG. 4 shows cellular protein composition of CCR5-proteoliposomes. The 35S-cysteine/methionine-labeled lysate from Cf2Th- \*\*\*CCR5\*\*\* cells was used for \*\*\*CCR5\*\*\*-proteoliposome formation. Approximately  $3 \times 10^7$  \*\*\*CCR5\*\*\*-proteoliposomes were incubated with SDS-sample buffer for 1 hour at 55 degrees C. prior to loading on an 11% SDS-polyacrylamide mini-gel, which was run under reducing conditions. The gel was treated for 1 hour with Enhance (NEN), dried and autoradiographed.

FIGS. 5A-F show confocal microscopy of fluorescently labeled \*\*\*CCR5\*\*\*-proteoliposomes. Excluding the control beads (FIG. 5A), all beads were reconstituted with POPC/POPE/DMPA lipid mixture (in a 6:3:1 molar ratio) containing 1% Biotinyl-DPPE. (FIG. 5B) The lipid membrane around \*\*\*CCR5\*\*\*-proteoliposomes was visualized by using the fluorescent lipid Rho-DOPE, which had been added at 1% concentration during proteoliposome formation. (FIG. 5D) \*\*\*CCR5\*\*\*-proteoliposomes were labeled with the anti- \*\*\*CCR5\*\*\* antibody 2D7 conjugated with phycoerythrin (2D7-PE). In a control experiment, (FIG. 5C), \*\*\*CCR5\*\*\*-proteoliposomes were treated with an irrelevant antibody against CXCR4, 12G5-PE. Control beads with membrane only (FIG. 5E) and \*\*\*CCR5\*\*\*-proteoliposomes (FIG. 5F) were incubated with the JR-FL gp120-\*\*\*soluble\*\*\* CD4 complex, the C11 antibody against gp120 and goat anti-human IgG-FITC. Samples were analyzed using the Nikon Diaphot 300 Inverted Confocal Microscope and Oncor Image Software.



FIG. 6A shows reversible binding of the conformation-dependent antibody 2D7 to \*\*\*CCR5\*\*\* -proteoliposomes. \*\*\*CCR5\*\*\* -proteoliposomes were incubated for 1 hour at 22 degrees C. with an irrelevant control antibody, IgG-PE (control), or with the phycoerythrin-conjugated 2D7 antibody against \*\*\*CCR5\*\*\* (+2D7-PE). A fraction of the proteoliposomes with bound 2D7-PE was incubated for 15 minutes in 100 mM glycine-HCl (pH 3.0), washed twice in the same buffer, and then resuspended in FACS buffer (PBS+5% fetal calf serum) and analyzed by FACS (wash). Part of these \*\*\*CCR5\*\*\* -proteoliposomes were again reincubated with 2D7-PE for 1 hour at 22 degrees C. and analyzed by FACS. The results indicate essentially complete rebinding of the 2D7-PE antibody to the acid-stripped \*\*\*CCR5\*\*\* -proteoliposomes. FIG. 6B shows binding of 35S-cysteine/methionine-labeled gp120 to the CCR5proteoliposomes. Equivalent amounts of 35S-cysteine/methioninelabeled gp120 glycoproteins from the CXCR4-using HXBc2 isolate or the \*\*\*CCR5\*\*\* -using ADA isolate were incubated with CCR5proteoliposomes in the absence or presence of \*\*\*soluble\*\*\* CD4 (sCD4). In one experiment, the \*\*\*CCR5\*\*\* -proteoliposomes were incubated with the 2D7 anti-\*\*\*CCR5\*\*\* antibody prior to incubation with the ADA gp120/sCD4 complexes. Proteins bound to the CCR5proteoliposomes are shown, with molecular weight markers (in kDa) indicated on the left.

FIG. 7 is a FACS analysis of Cf2Th cells, with or without synCCR5. FIGS. 8A-D show expression of \*\*\*CCR5\*\*\*. FIGS. 8A and 8C show cell surface expression of \*\*\*CCR5\*\*\*, with increased expression of \*\*\*CCR5\*\*\* following sodium butyrate treatment of the cells (FIG. 8C). FIG. 8B shows expression of \*\*\*CCR5\*\*\* in cellular lysates by immunoprecipitation, or by Coomassie Blue staining (FIG. 8D).

FIG. 9 shows binding of the 12G5 antibody to CXCR4proteoliposomes and to CXCR4-expressing cells. CXCR4proteoliposomes were prepared as described in the text from cells expressing human CXCR4 with a C-terminal C9 tag. The binding of the 12G5 antibody, which recognizes a conformation-dependent structure on CXCR4, to the CXCR4-expressing cells and CXCR4-proteoliposomes is shown. The apparent affinity of the 12G5 antibody for the CXCR4 on the proteoliposome surface is at least as good as that for CXCR4 on cells. A similar result was obtained for the conformation-dependent, CXCR4-directed antibody FAB173 (data not shown).

FIG. 10 shows binding of SDF-1 alpha to CXCR4 on cells and proteoliposomes. Radiolabeled SDF-1 alpha, the natural CXCR4 ligand, was incubated with either CXCR4-expressing cells or proteoliposomes bearing CXCR4 or \*\*\*CCR5\*\*\*. Unlabeled (cold) SDF-1 alpha was added in increasing amounts, and the amount of radiolabeled SDF-1 alpha bound to the cells or proteoliposomes was measured. The SDF-1 alpha bound with high affinity to the CXCR4-expressing cells and CXCR4-proteoliposomes, but not to the \*\*\*CCR5\*\*\* -proteoliposomes.

FIG. 11 shows a schematic representation of the reconstituted gp160 proteoliposomes.

FIGS. 12A-B show analysis of the gp160 proteoliposomes. FIG. 12A shows FACS analysis of the proteoliposomes stained with antibodies, including AIDS patient sera. FIG. 12B shows analysis of protein content of the gp160 proteoliposomes on SDS polyacrylamide gels.

FIG. 13 shows FACS analysis of proteoliposomes with and without a reconstituted membrane. Peak A is a gp160 proteoliposome control stained with a-human-FITC; Peak B is gp160 proteoliposomes with a reconstituted membrane stained with mouse IgG-PE; Peak C is gp160 glycoproteins on beads without membrane, stained with a-mouse IgG-PE.

FIG. 14A-B show FACS-generated binding curves. FIG. 14A shows FACS-generated binding curves of the IgGb12 antibody to gp160expressing 293 T cells or to gp160-proteoliposomes. FIG. 14B shows FACS-generated binding curves of the antibody C11 to gp160-expressing 293 T cells or gp160-proteoliposomes. Values were normalized maximal binding for comparison.

FIGS. 15A-B show FACS analysis of single-chain antibodies. Staining of 293T cells expressing gp160 is represented by the shaded peaks, and non-expressing control cells is represented by the unshaded peaks. FIG. 15A shows staining with polyclonal alpha-gp120 mouse serum and alpha-mouse-PE. FIG. 15B shows staining with bacterial medium containing phage/single-chain antibodies (1:2 dilution), alpha-phage mouse IgG and alphamousePE.

FIG. 16 shows an ELISA of sera from gp160 proteoliposomeimmunized mice and control sera. Prebleed sera was used as negative control sera; PADRE serum refers to mice previously immunized with gp120-PADRE glycoproteins that served as a positive control.

FIGS. 17A-B show fluorescent microscopic pictures of gp160 proteoliposomes. FIG. 17A shows autofluorescence. FIG. 17B shows gp160 proteoliposomes reconstituted with a lipid preparation containing 1%

L4 ANSWER 119 OF 246 IFIPAT COPYRIGHT 2004 IFI on STN  
 AN 10000238 IFIPAT;IFIUDB;IFICDB  
 TI ANTIBODIES TO HUMAN G-PROTEIN CHEMOKINE RECEPTOR HDGMR10 ( \*\*\*CCR5\*\*\*  
 RECEPTOR); A POLYNUCLEOTIDE OF EITHER: (A) A POLYNUCLEOTIDE ENCODING THE  
 SEQ ID NO:2; (B) A POLYNUCLEOTIDE ENCODING A MATURE POLYPEPTIDE ENCODED  
 BY THE DNA CONTAINED IN AN ATCC DEPOSIT; A HYBRIDIZING POLYNUCLEOTIDES;  
 POLYPEPTIDE RECEPTOR LIGANDS  
 IN Li Yi; Ruben Steven M  
 PA Unassigned Or Assigned To Individual (68000)  
 PI US 2001000241 A1 20010412  
 AI US 2000-725285 20001129  
 RLI US 1999-339912 19990625 CONTINUATION  
 US 1995-466343 19950606 DIVISION 6025154  
 US 1998-195662 19981118 DIVISION  
 FI US 2001000241 20010412  
 US 6025154  
 DT Utility; Patent Application - First Publication  
 FS CHEMICAL  
 APPLICATION  
 CLMN 20  
 GI 2 Figure(s).  
 FIG. 1 shows the cDNA sequence and the corresponding deduced amino acid  
 sequence of the G-protein coupled receptor of the present invention. The  
 standard one-letter abbreviation for amino acids is used. Sequencing was  
 performed using a 373 Automated DNA sequencer (Applied Biosystems, Inc.).  
 FIG. 2 illustrates an amino acid alignment of the G-protein chemokine  
 receptor of the present invention and the human MCP-1 receptor.

L4 ANSWER 120 OF 246 LIFESCI COPYRIGHT 2004 CSA on STN  
 AN 1999:29411 LIFESCI  
 TI Control mechanisms of virus replication in naturally SIVsmm infected  
 mangabeys and experimentally infected macaques  
 AU Villinger, F.; Brice, G.T.; Mayne, A.; Bostik, P.; Ansari, A.A.  
 CS Winship Cancer Center, Department of Pathology and Laboratory Medicine,  
 Emory University School of Medicine, 1365B Clifton Rd Atlanta, GA 30322,  
 USA  
 SO Immunology Letters, ( \*\*\*19990301\*\*\* ) vol. 66, no. 3, pp. 37-46.  
 ISSN: 0165-2478.  
 DT Journal  
 FS F; V  
 LA English  
 SL English

L4 ANSWER 121 OF 246 LIFESCI COPYRIGHT 2004 CSA on STN  
 AN 1998:104310 LIFESCI  
 TI Host-fungal interactions in HIV infection  
 AU Levitz, S.M.  
 CS Room E336, Boston Medical Center, 88 E. Newton Street, Boston, MA  
 02118-2393, USA  
 SO Res. Immunol., ( \*\*\*19980600\*\*\* ) vol. 149, no. 4-5, pp. 489-493.  
 Special Issue: Immunity to Fungi..  
 ISSN: 0923-2494.  
 DT Journal  
 TC General Review  
 FS V; K  
 LA English

L4 ANSWER 122 OF 246 MEDLINE on STN  
 AN 2001180922 MEDLINE  
 DN PubMed ID: 11160728  
 TI Reversal of human immunodeficiency virus type 1 IIIB to a  
 neutralization-resistant phenotype in an accidentally infected laboratory  
 worker with a progressive clinical course.  
 AU Beaumont T; van Nuenen A; Broersen S; Blattner W A; Lukashov V V;  
 Schuitemaker H  
 CS Department of Clinical Viro-Immunology, CLB Sanquin, and Laboratory for  
 Experimental and Clinical Immunology, Amsterdam, The Netherlands.  
 SO Journal of virology, \*\*\* (2001 Mar) \*\*\* 75 (5) 2246-52.  
 Journal code: 0113724. ISSN: 0022-538X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200103

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AN 2002-0102039 PASCAL  
CP Copyright .COPYRGT. 2002 INIST-CNRS. All rights reserved.  
TIEN Interactions of human immunodeficiency virus type I with primary macrophages. Screening of inhibitors of viral entry  
TIFR Interactions du virus de l'immunodeficiency humaine de type I avec les macrophages en culture primaire. Recherche d'inhibiteurs de l'entree virale  
AU YLISASTIGUI JOST de STAEL HOLSTEIN Loyda; GLUCKMAN Jean Claude (dir.)  
CS Universite de Paris 06, Paris, France (tutelle)  
SO \*\*\* (2000-05)\*\*\* , 123 refs.  
218 p.  
Dissertation Information: Universite de Paris 06. Paris. FRA, Th. doct., 00PA066481  
DT Dissertation  
BL Monographic  
CY France  
LA French  
SL French; English  
AV INIST-T 138984, T00PA066481 0000; RBCCN-751052125, T00PA066481 0000
- L4 ANSWER 124 OF 246 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS RESERVED. on STN  
AN 2002-0053179 PASCAL  
CP Copyright .COPYRGT. 2002 INIST-CNRS. All rights reserved.  
TIEN Production of fractalkine and CX3CR1 in healthy and HIV-infected individuals  
TIFR Production de la fractalkine et de son recepteur chez le sujet sain et au cours de l'infection par le VIH  
AU FOUSSAT Arnaud; EMILIE Dominique (dir.)  
CS Universite de Paris 07, Paris, France (tutelle)  
SO \*\*\* (2000-06)\*\*\* , 518 refs.  
291 p.  
Dissertation Information: Universite de Paris 07. Paris. FRA, Th. doct., 00PA077085  
DT Dissertation  
BL Monographic  
CY France  
LA French  
SL French; English  
AV INIST-T 138375, T00PA077085 0000; RBCCN-751052125, T00PA077085 0000
- L4 ANSWER 125 OF 246 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS RESERVED. on STN  
AN 2001-0248971 PASCAL  
CP Copyright .COPYRGT. 2001 INIST-CNRS. All rights reserved.  
TIEN Astrocytes during neuropathogenesis of HIV infection : chemokine receptor expression, susceptibility to infection and to toxicity induced by the viral envelope glycoprotein, gp120/41  
TIFR L'astrocyte dans la neuropathogenese de l'infection par le VIH-1 : expression des recepteurs de chimiokines, susceptibilite a l'infection et a la toxicite induite par la glycoproteine d'enveloppe virale, gp120/41  
AU BOUTET Agnes; TARDIEU Marc (dir.)  
CS Universite de Paris 11, Orsay, France (tutelle)  
SO \*\*\* (2000-12)\*\*\* , 437 refs.  
167 p.  
Dissertation Information: Universite de Paris 11. Orsay. FRA, Th. doct., 00PA112323  
DT Dissertation  
BL Monographic  
CY France  
LA French  
SL French; English  
AV INIST-T 135797, T00PA112323 0000; RBCCN-914712101, T00PA112323 0000
- L4 ANSWER 126 OF 246 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS RESERVED. on STN  
AN 2000-0078428 PASCAL  
CP Copyright .COPYRGT. 2000 INIST-CNRS. All rights reserved.  
TIEN FUNCTIONAL AND ANTIGENIC ANALYSES OF NATIVE ENVELOPE GLYCOPROTEINS FROM PRIMARY TSOIATE OF HTV-1

AU D'UN ISOLAT PRIMAIRE DU VIH-1  
CS VERRIER Florence; GIRARD Marc (dir.)  
SO Universite de Paris 07, Paris, France (tutelle)  
\*\*\* (1998-12)\*\*\* , 636 refs.  
328 p.  
Dissertation Information: Universite de Paris 07. Paris. FRA, Th. doct.,  
98PA077301  
DT Dissertation  
BL Monographic  
CY France  
LA French  
SL French; English  
AV INIST-T 128313, T98PA077301 0000; RBCCN-751052125, T98PA077301 0000

L4 ANSWER 127 OF 246 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS  
RESERVED. on STN  
AN 1998-0018104 PASCAL  
CP Copyright .COPYRGT. 1997 INIST-CNRS. All rights reserved.  
TIEN Host factors in the pathogenesis of HIV disease : Antiviral immunity  
AU COHEN O. J.; KINTER A.; FAUCI A. S.  
CS National Institute of Allergy and Infectious Diseases, Laboratory of  
Immunoregulation, Bethesda, Maryland, United States  
SO Immunological reviews, \*\*\* (1997)\*\*\* , 159, 31-48, 264 refs.  
ISSN: 0105-2896 CODEN: IMRED2  
DT Journal  
BL Analytic  
CY Denmark  
LA English  
AV INIST-14317, 354000069507530030

L4 ANSWER 128 OF 246 PHARMAML COPYRIGHT 2004 MARKETLETTER on STN  
AN 1635259 PHARMAML  
TI Product News In 1996 Dominated By CNS  
SO Marketletter December 23, 1996  
DT Newsletter  
WC 1622

L4 ANSWER 129 OF 246 PHIN COPYRIGHT 2004 PJB on STN  
AN 1998:13843 PHIN  
DN S00588442  
DED 22 Jul 1998  
TI New AIDS drugs in clinical trials  
SO Scrip ( \*\*\*1998\*\*\* ) No. 2354 p23  
DT Newsletter  
FS FULL

L4 ANSWER 130 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2000:169635 PROMT  
TITLE: Expanding its foothold.  
AUTHOR(S): Scussa, Frank  
SOURCE: Med Ad News, ( \*\*\*sept 1999\*\*\* ) Vol. 18, No. 9, pp. 275.  
ISSN: 1067-733X.  
PUBLISHER: Engel Publishing Partners  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 2482  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 131 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1999:633779 PROMT  
TITLE: HIV Fusion Dissected.(HIV viral infection progression  
studied)  
AUTHOR(S): DeNoon, Daniel J.  
SOURCE: Vaccine Weekly, ( \*\*\*20 sep 1999\*\*\* ) .  
ISSN: 1074-2921.  
PUBLISHER: Charles W. Henderson  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 272  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 132 OF 246 PROMT COPYRTGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1999:579912 PROMT  
TITLE: Novel Chemokine Seen As Lead Molecule for AIDS  
Therapy.(Statistical Data Included)  
AUTHOR(S): DeNoon, Daniel J.  
SOURCE: Vaccine Weekly, ( \*\*\*6 Sep 1999\*\*\* ) .  
ISSN: 1074-2921.  
PUBLISHER: Charles W. Henderson  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 329  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 133 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1999:87403 PROMT  
TITLE: AIDS Immunology--Correlate of HIV Immunity Found.  
SOURCE: Vaccine Weekly, ( \*\*\*8 Feb 1999\*\*\* ) .  
ISSN: 1074-2921.  
PUBLISHER: Charles W. Henderson  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 853  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 134 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1998:683731 PROMT  
TITLE: Messing with the messenger.(chemokines)  
AUTHOR(S): Barnes, Debra A.; Horuk, Richard  
SOURCE: Chemistry and Industry, ( \*\*\*2 Nov 1998\*\*\* ) No. 21, pp.  
883.  
ISSN: ISSN: 0009-3068.  
PUBLISHER: Society of Chemical Industry  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 2574  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 135 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1998:328685 PROMT  
TITLE: New Data on Immunex's Leukine Presented at 12th World AIDS  
Conference; Reduction in Viral Load Reported in AIDS  
Patients  
SOURCE: PR Newswire, ( \*\*\*30 Jun 1998\*\*\* ) pp. 630SFTU010.  
LANGUAGE: English  
WORD COUNT: 1195  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 136 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1998:173197 PROMT  
TITLE: GM-CSF Shows Indications of Efficacy for Treatment of  
HIV-Infection  
SOURCE: Antiviral Agents Bulletin, ( \*\*\*1 Mar 1998\*\*\* ) pp. N/A.  
ISSN: 0897-9871.  
LANGUAGE: English  
WORD COUNT: 681  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 137 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 97:596702 PROMT  
TITLE: Immunology U.S. Experts Find Another Natural AIDS  
Suppressor  
SOURCE: AIDS Weekly Plus, ( \*\*\*10 Nov 1997\*\*\* ) pp. N/A.  
ISSN: 1069-1456.  
LANGUAGE: English  
WORD COUNT: 359  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 138 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 97:478733 PROMT  
TITLE: AIDS Vaccines New Assay Screens Sera For Effective Anti-HIV

SOURCE: Vaccine Weekly, ( \*\*\*1 Sep 1997\*\*\* ) pp. N/A.  
ISSN: 1074-2921.  
LANGUAGE: English  
WORD COUNT: 605  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 139 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 97:466277 PROMT  
TITLE: AIDS Vaccines New Assay Screens Sera For Effective Anti-HIV  
Antibodies  
AUTHOR(S): DeNoon, Daniel J.,  
SOURCE: AIDS Weekly Plus, ( \*\*\*1 Sep 1997\*\*\* ) pp. N/A.  
ISSN: 1069-1456.  
LANGUAGE: English  
WORD COUNT: 605  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 140 OF 246 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 97:10029 PROMT  
TITLE: LeukoSite and Warner-Lambert Link for CCR-5 HIV-Infection  
Blockers  
SOURCE: Antiviral Agents Bulletin, ( \*\*\*1 Dec 1996\*\*\* ) pp. N/A.  
ISSN: 0897-9871.  
LANGUAGE: English  
WORD COUNT: 319  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 141 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2001:912731 SCISEARCH  
GA The Genuine Article (R) Number: 493AG  
TI HIV-1 receptors and cell tropism  
AU Clapham P R (Reprint); McKnight A  
CS Univ Massachusetts, Sch Med, Dept Mol Genet & Microbiol, Program Mol Med,  
Ctr AIDS Res, 373 Plantat St, Worcester, MA 01605 USA (Reprint); Univ  
Massachusetts, Sch Med, Dept Mol Genet & Microbiol, Program Mol Med, Ctr  
AIDS Res, Worcester, MA 01605 USA; Univ Coll London, Windeyer Inst Med  
Sci, Dept Immunol & Mol Pathol, Wohl Vir Ctr, London, England  
CYA USA; England  
SO BRITISH MEDICAL BULLETIN, ( \*\*\*NOV 2001\*\*\* ) Vol. 58, pp. 43-59.  
Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND.  
ISSN: 0007-1420.  
DT Article; Journal  
LA English  
REC Reference Count: 89  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 142 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2001:756852 SCISEARCH  
GA The Genuine Article (R) Number: 471GY  
TI Adaptation to blockade of human immunodeficiency virus type 1 entry  
imposed by the anti- \*\*\*CCR5\*\*\* monoclonal antibody 2D7  
AU Aarons E J; Beddows S; Willingham T; Wu L J; Koup R A (Reprint)  
CS NIH, Immunol Lab, Vaccine Res Ctr, Bldg 40, Room 3502, 40 Convent Dr,  
Bethesda, MD 20892 USA (Reprint); Univ Texas, SW Med Ctr, Dept Med, Div  
Infect Dis, Dallas, TX 75390 USA; St Marys Hosp, Imperial Coll Sch Med,  
Dept GU Med & Communicable Dis, London W2 1PG, England; Millenium  
Pharmaceut Inc, Cambridge, MA 02139 USA  
CYA USA; England  
SO VIROLOGY, ( \*\*\*1 SEP 2001\*\*\* ) Vol. 287, No. 2, pp. 382-390.  
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA  
92101-4495 USA.  
ISSN: 0042-6822.  
DT Article; Journal  
LA English  
REC Reference Count: 59  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 143 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2001:651329 SCISEARCH  
GA The Genuine Article (R) Number: 461LM  
TI The level of CD4 expression limits infection of primary rhesus monkey  
macrophages by a T-tropic simian immunodeficiency virus and  
macrophagetropic human immunodeficiency viruses

CS Dana Farber Canc Inst, Dept Canc Immunol, 44 Binney St, JFB 824, Boston, MA 02115 USA (Reprint); Dana Farber Canc Inst, Dept Canc Immunol, Boston, MA 02115 USA; Dana Farber Canc Inst, AIDS, Boston, MA 02115 USA; Harvard Univ, Sch Med, Dept Pathol, Boston, MA 02115 USA; Harvard Univ, Sch Publ Hlth, Dept Immunol & Infect Dis, Boston, MA 02115 USA

CYA USA

SO JOURNAL OF VIROLOGY, ( \*\*\*DEC 2000\*\*\* ) Vol. 74, No. 23, pp. 10984-10993.  
 Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904 USA.  
 ISSN: 0022-538X.

DT Article; Journal

LA English

REC Reference Count: 79  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 144 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2001:567916 SCISEARCH

GA The Genuine Article (R) Number: 450AE

TI Role of V3 independent domains on a dualtropic human immunodeficiency virus type 1 (HIV-1) envelope gp120 in \*\*\*CCR5\*\*\* coreceptor utilization and viral infectivity

AU Foda M; Harada S; Maeda Y (Reprint)

CS Kumamoto Univ, Sch Med, Dept Biodefence & Med Virol, 2-2-1 Honjo, Kumamoto 8600811, Japan (Reprint); Kumamoto Univ, Sch Med, Dept Biodefence & Med Virol, Kumamoto 8600811, Japan; Kumamoto Univ, Ctr AIDS Res, Kumamoto 8600811, Japan

CYA Japan

SO MICROBIOLOGY AND IMMUNOLOGY, ( \*\*\*JUL 2001\*\*\* ) Vol. 45, No. 7, pp. 521-530.  
 Publisher: CENTER ACADEMIC PUBL JAPAN, 4-16 YAYOI 2-CHOME, BUNKYO-KU, TOKYO, 113, JAPAN.  
 ISSN: 0385-5600.

DT Article; Journal

LA English

REC Reference Count: 39  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 145 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2001:561828 SCISEARCH

GA The Genuine Article (R) Number: 452HZ

TI Efficient antitumor immunity derived from maturation of dendritic cells that had phagocytosed apoptotic/necrotic tumor cells

AU Chen Z; Moyana T; Saxena A; Warrington R; Jia Z C; Xiang J (Reprint)

CS Saskatoon Canc Ctr, 20 Campus Dr, Saskatoon, SK S7N 4H4, Canada (Reprint); Saskatoon Canc Ctr, Saskatoon, SK S7N 4H4, Canada; Univ Ottawa, Dept Pathol & Lab Med, Ottawa, ON, Canada; Univ Saskatchewan, Coll Med, Dept Pathol, Saskatoon, SK S7N 0W0, Canada; Univ Saskatchewan, Coll Med, Dept Biochem, Saskatoon, SK, Canada; Queens Univ, Dept Biochem, Kingston, ON K7L 3N6, Canada

CYA Canada

SO INTERNATIONAL JOURNAL OF CANCER, ( \*\*\*15 AUG 2001\*\*\* ) Vol. 93, No. 4, pp. 539-548.  
 Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012 USA.  
 ISSN: 0020-7136.

DT Article; Journal

LA English

REC Reference Count: 64  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 146 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2001:487035 SCISEARCH

GA The Genuine Article (R) Number: 440KX

TI N-linked glycosylation sites adjacent to and within the V1/V2 and the V3 loops of dualtropic human immunodeficiency virus type 1 isolate DH12 gp120 affect coreceptor usage and cellular tropism

AU Ogert R A; Lee M K; Ross W; Buckler-White A; Martin M A; Cho M W (Reprint)

CS NIAID, Mol Microbiol Lab, NIH, 9000 Rockville Pike, Bldg 4, Rm 339, Bethesda, MD 20892 USA (Reprint); NIAID, Mol Microbiol Lab, NIH, Bethesda, MD 20892 USA

CYA USA

SO JOURNAL OF VIROLOGY, ( \*\*\*JUL 2001\*\*\* ) Vol. 75, No. 13, pp. 5998-6006.  
 Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904 USA.

DT Article; Journal  
LA English  
REC Reference Count: 55  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 147 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:339717 SCISEARCH  
GA The Genuine Article (R) Number: 423VN  
TI N-linked glycosylation of the HIV type-1 gp120 envelope glycoprotein as a  
major determinant of \*\*\*CCR5\*\*\* and CXCR4 coreceptor utilization  
AU Pollakis G; Kang S; Kliphuis A; Chalaby M I M; Goudsmit J; Paxton W A  
(Reprint)  
CS Univ Amsterdam, Acad Med Ctr, Dept Human Retrovirol, Meibergdreef 15,  
NL-1105 AZ Amsterdam, Netherlands (Reprint); Univ Amsterdam, Acad Med Ctr,  
Dept Human Retrovirol, NL-1105 AZ Amsterdam, Netherlands  
CYA Netherlands  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, ( \*\*\*20 APR 2001\*\*\* ) Vol. 276, No. 16,  
pp. 13433-13441.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814 USA.  
ISSN: 0021-9258.

DT Article; Journal  
LA English  
REC Reference Count: 71  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 148 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:285746 SCISEARCH  
GA The Genuine Article (R) Number: 414QN  
TI Ability of the v3 loop of simian immunodeficiency virus to serve as a  
target for antibody-mediated neutralization: Correlation of neutralization  
sensitivity, growth in macrophages, and decreased dependence on CD4  
AU Means R E; Matthews T; Hoxie J A; Malim M H; Kodama T; Desrosiers R C  
(Reprint)  
CS Harvard Univ, Sch Med, New England Reg Primate Res Ctr, Dept Microbiol &  
Mol Genet, 1 Pine Hill Dr, Southborough, MA 01772 USA (Reprint); Harvard  
Univ, Sch Med, New England Reg Primate Res Ctr, Dept Microbiol & Mol  
Genet, Southborough, MA 01772 USA; Duke Univ, Med Ctr, Dept Surg, Durham,  
NC 27710 USA; Hosp Univ Penn, Div Hematol Oncol, Philadelphia, PA 19104  
USA; Univ Penn, Dept Microbiol, Philadelphia, PA 19104 USA; Univ  
Pittsburgh, Dept Mol Genet & Biochem, Pittsburgh, PA 15261 USA  
CYA USA  
SO JOURNAL OF VIROLOGY, ( \*\*\*APR 2001\*\*\* ) Vol. 75, No. 8, pp. 3903-3915.  
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904  
USA.  
ISSN: 0022-538X.

DT Article; Journal  
LA English  
REC Reference Count: 64  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 149 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:285713 SCISEARCH  
GA The Genuine Article (R) Number: 414QN  
TI Differential CD4/ \*\*\*CCR5\*\*\* utilization, gp120 conformation, and  
neutralization sensitivity between envelopes from a microglia-adapted  
human immunodeficiency virus type 1 and its parental isolate  
AU Martin J; LaBranche C C; Gonzalez-Scarano F (Reprint)  
CS Univ Penn, Dept Neurol, Sch Med, Clin Res Bldg 255, 415 Curie Blvd,  
Philadelphia, PA 19104 USA (Reprint); Univ Penn, Dept Neurol, Sch Med,  
Philadelphia, PA 19104 USA; Univ Penn, Dept Microbiol, Sch Med,  
Philadelphia, PA 19104 USA; Duke Univ, Med Ctr, Dept Surg, Durham, NC  
27710 USA  
CYA USA  
SO JOURNAL OF VIROLOGY, ( \*\*\*APR 2001\*\*\* ) Vol. 75, No. 8, pp. 3568-3580.  
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904  
USA.  
ISSN: 0022-538X.

DT General Review; Journal  
LA English  
REC Reference Count: 118  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 150 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:244050 SCISEARCH



TI Loss of a single N-linked glycan allows CD4-independent human immunodeficiency virus type 1 infection by altering the position of the gp120 V1/V2 variable loops  
 AU Kolchinsky P; Kiprilov E; Bartley P; Rubinstein R; Sodroski J (Reprint)  
 CS Dana Farber Canc Inst, Dept Canc Immunol & AIDS, 44 Binney St, FB 824, Boston, MA 02115 USA (Reprint); Dana Farber Canc Inst, Dept Canc Immunol & AIDS, Boston, MA 02115 USA; Harvard Univ, Sch Med, Dept Pathol, Boston, MA 02115 USA; Harvard Univ, Sch Publ Hlth, Dept Immunol & Infect Dis, Boston, MA 02115 USA  
 CYA USA  
 SO JOURNAL OF VIROLOGY, ( \*\*\*APR 2001\*\*\* ) Vol. 75, No. 7, pp. 3435-3443. Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904 USA. ISSN: 0022-538X.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 82  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 151 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2001:238217 SCISEARCH  
 GA The Genuine Article (R) Number: 409AC  
 TI Cd8(+) T cell mediated noncytolytic inhibition of human immunodeficiency virus type 1  
 AU Tomaras G D (Reprint); Greenberg M L  
 CS Duke Univ, Med Ctr, Dept Surg, Ctr AIDS Res, Box 2926 SORF La Salle St Ext, Durham, NC 27710 USA (Reprint); Duke Univ, Med Ctr, Dept Surg, Ctr AIDS Res, Durham, NC 27710 USA  
 CYA USA  
 SO FRONTIERS IN BIOSCIENCE, ( \*\*\*MAR 2001\*\*\* ) Vol. 6, pp. D575-D598. Publisher: FRONTIERS IN BIOSCIENCE INC, C/O NORTH SHORE UNIV HOSPITAL, BIOMEDICAL RESEARCH CENTER, 350 COMMUNITY DR, MANHASSET, NY 11030 USA. ISSN: 1093-9946.  
 DT General Review; Journal  
 LA English  
 REC Reference Count: 172  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 152 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2001:174609 SCISEARCH  
 GA The Genuine Article (R) Number: 404DK  
 TI Glycans are involved in RANTES binding to \*\*\*CCR5\*\*\* positive as well as to \*\*\*CCR5\*\*\* negative cells  
 AU Mbemba E; Slimani H; Atemezem A; Saffar L; Gattegno L (Reprint)  
 CS Univ Paris 13, Fac Med, Lab Biol Cellulaire JE2138, 74 Rue Marcel Cachin, F-93017 Bobigny, France (Reprint); Univ Paris 13, Fac Med, Lab Biol Cellulaire JE2138, F-93017 Bobigny, France  
 CYA France  
 SO BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES, ( \*\*\*9 FEB 2001\*\*\* ) Vol. 1510, No. 1-2, pp. 354-366. Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS. ISSN: 0005-2736.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 36  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 153 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2001:66186 SCISEARCH  
 GA The Genuine Article (R) Number: 389MX  
 TI Isolation of primary HIV-1 that target CD8(+) T Lymphocytes using CD8 as a receptor  
 AU Saha K (Reprint); Zhang J C; Gupta A; Dave R; Yimen M; Zerhouni B  
 CS Childrens Res Inst, Dept Pediat, Div Mol Med, Columbus, OH 43205 USA (Reprint); Childrens Res Inst, Dept Mol Virol Immunol & Med Genet, Columbus, OH 43205 USA; Ohio State Univ, Med Ctr, Columbus, OH 43205 USA  
 CYA USA  
 SO NATURE MEDICINE, ( \*\*\*JAN 2001\*\*\* ) Vol. 7, No. 1, pp. 65-72. Publisher: NATURE AMERICA INC, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707 USA. ISSN: 1078-8956.  
 DT Article; Journal  
 LA English  
 REC Reference Count: 30

L4 ANSWER 154 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2000:863032 SCISEARCH  
 GA The Genuine Article (R) Number: 372GK  
 TI Cooperative subunit interactions within the oligomeric envelope glycoprotein of HIV-1: Functional complementation of specific defects in gp120 and gp41  
 AU Salzwedel K; Berger E A (Reprint)  
 CS NIAID, VIRAL DIS LAB, NIH, BLDG 4, ROOM 237, BETHESDA, MD 20892 (Reprint); NIAID, VIRAL DIS LAB, NIH, BETHESDA, MD 20892  
 CYA USA  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, ( \*\*\*7 NOV 2000\*\*\* ) Vol. 97, No. 23, pp. 12794-12799. Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418. ISSN: 0027-8424.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 40  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 155 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2000:857569 SCISEARCH  
 GA The Genuine Article (R) Number: 371YH  
 TI Beyond receptor expression: The influence of receptor conformation, density, and affinity in HIV-1 infection  
 AU Doms R W (Reprint)  
 CS UNIV PENN, DEPT PATHOL & LAB MED, 806 ABRAMSON, 34TH & CIVIC CTR BLVD, PHILADELPHIA, PA 19104 (Reprint)  
 CYA USA  
 SO VIROLOGY, ( \*\*\*25 OCT 2000\*\*\* ) Vol. 276, No. 2, pp. 229-237. Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495. ISSN: 0042-6822.  
 DT General Review; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 87  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 156 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2000:665463 SCISEARCH  
 GA The Genuine Article (R) Number: 347ML  
 TI Sensitivity of human immunodeficiency virus type 1 to the fusion inhibitor T-20 is modulated by coreceptor specificity defined by the V3 loop of gp120  
 AU Derdeyn C A; Decker J M; Sfakianos J N; Wu X Y; O'Brien W A; Ratner L; Kappes J C; Shaw G M; Hunter E (Reprint)  
 CS UNIV ALABAMA, DEPT MICROBIOL, BBRB RM 256, 845 19TH ST, BIRMINGHAM, AL 35294 (Reprint); UNIV ALABAMA, DEPT MICROBIOL, BIRMINGHAM, AL 35294; UNIV ALABAMA, HOWARD HUGHES MED INST, BIRMINGHAM, AL 35294; UNIV ALABAMA, DEPT MED, BIRMINGHAM, AL 35294; UNIV ALABAMA, BIRMINGHAM VET AFFAIRS HOSP, BIRMINGHAM, AL 35294; UNIV TEXAS, MED BRANCH, DEPT MED, GALVESTON, TX 77555; UNIV TEXAS, MED BRANCH, DEPT PATHOL, GALVESTON, TX 77555; UNIV TEXAS, MED BRANCH, DEPT MICROBIOL & IMMUNOL, GALVESTON, TX 77555; WASHINGTON UNIV, SCH MED, DEPT MED, ST LOUIS, MO 63110; WASHINGTON UNIV, SCH MED, DEPT PATHOL, ST LOUIS, MO 63110; WASHINGTON UNIV, SCH MED, DEPT MOL MICROBIOL, ST LOUIS, MO 63110  
 CYA USA  
 SO JOURNAL OF VIROLOGY, ( \*\*\*SEP 2000\*\*\* ) Vol. 74, No. 18, pp. 8358-8367. Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904. ISSN: 0022-538X.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 60  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 157 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2000:492834 SCISEARCH  
 GA The Genuine Article (R) Number: 327WU  
 TI CD4-independent infection of two CD4(-)/ \*\*\*CCR5\*\*\* (-)/CXCR4(+) pre-T-cell lines by human and simian immunodeficiency viruses  
 AU Borsetti A (Reprint); Parolin C; Ridolfi B; Sernicola L; Geraci A; Ensoli

CS IST SUPER SANITA, VIROL LAB, VIALE REGINA ELENA 299, I-00161 ROME, ITALY  
(Reprint); UNIV PADUA, DEPT HISTOL MICROBIOL & MED BIOTECHNOL, PADUA,  
ITALY  
CYA ITALY  
SO JOURNAL OF VIROLOGY, ( \*\*\*JUL 2000\*\*\* ) Vol. 74, No. 14, pp. 6689-6694.  
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904.  
ISSN: 0022-538X.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 37  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 158 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2000:388593 SCISEARCH  
GA The Genuine Article (R) Number: 315AF  
TI Fine definition of a conserved \*\*\*CCR5\*\*\* -binding region on the human  
immunodeficiency virus type 1 glycoprotein 120  
AU Rizzuto C; Sodroski J (Reprint)  
CS HARVARD UNIV, SCH MED, DANA FARBER CANC INST, DEPT CANC IMMUNOL & AIDS,  
JIMMY FUND BLDG, RM 824, BOSTON, MA 02115 (Reprint); HARVARD UNIV, SCH  
MED, DANA FARBER CANC INST, DEPT CANC IMMUNOL & AIDS, BOSTON, MA 02115;  
HARVARD UNIV, SCH MED, DEPT PATHOL, BOSTON, MA 02115; HARVARD UNIV, SCH  
PUBL HLTH, DEPT IMMUNOL & INFECT DIS, BOSTON, MA 02115  
CYA USA  
SO AIDS RESEARCH AND HUMAN RETROVIRUSES, ( \*\*\*20 MAY 2000\*\*\* ) Vol. 16, No.  
8, pp. 741-749.  
Publisher: MARY ANN LIEBERT INC PUBL, 2 MADISON AVENUE, LARCHMONT, NY  
10538.  
ISSN: 0889-2229.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 87  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 159 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2000:269549 SCISEARCH  
GA The Genuine Article (R) Number: 300CT  
TI Selective HIV-1-induced downmodulation of CD4 and coreceptors  
AU Chenine A L (Reprint); Sattentau Q; Moulard M  
CS SCRIPPS CLIN, RES INST, DEPT IMMUNOL, IMM2 10550 N TORREY PINES RD, LA  
JOLLA, CA 92037 (Reprint); CNRS MARSEILLE LUMINY, CTR IMMUNOL, INSERM,  
F-13288 MARSEILLE, FRANCE; INSERM, U372, F-13258 MARSEILLE, FRANCE  
CYA USA; FRANCE  
SO ARCHIVES OF VIROLOGY, ( \*\*\*MAR 2000\*\*\* ) Vol. 145, No. 3, pp. 455-471.  
Publisher: SPRINGER-VERLAG WIEN, SACHSENPLATZ 4-6, PO BOX 89, A-1201  
VIENNA, AUSTRIA.  
ISSN: 0304-8608.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 55  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 160 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:960173 SCISEARCH  
GA The Genuine Article (R) Number: 263JX  
TI Chemically induced infection of CD4-negative HeLa cells with HIV-1  
AU Harada S (Reprint); Maeda Y  
CS KUMAMOTO UNIV, SCH MED, DEPT BIODEF & MED VIROL, KUMAMOTO 8600811, JAPAN  
(Reprint); KUMAMOTO UNIV, CTR AIDS RES, KUMAMOTO 8600811, JAPAN  
CYA JAPAN  
SO MICROBIOLOGY AND IMMUNOLOGY, ( \*\*\*DEC 1999\*\*\* ) Vol. 43, No. 12, pp.  
1077-1086.  
Publisher: CENTER ACADEMIC PUBL JAPAN, 4-16 YAYOI 2-CHOME, BUNKYO-KU,  
TOKYO 113, JAPAN.  
ISSN: 0385-5600.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 40  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 161 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

GA The Genuine Article (R) Number: 244VJ  
TI A cell line-based neutralization assay for primary human immunodeficiency virus type 1 isolates that use either the \*\*\*CCR5\*\*\* or the CXCR4 coreceptor  
AU Trkola A; Matthews J; Gordon C; Ketas T; Moore J P (Reprint)  
CS AARON DIAMOND AIDS RES CTR, 455 1ST AVE, NEW YORK, NY 10021 (Reprint); AARON DIAMOND AIDS RES CTR, NEW YORK, NY 10021; ROCKEFELLER UNIV, NEW YORK, NY 10021; NYU, SCH MED, DEPT PATHOL, NEW YORK, NY  
CYA USA  
SO JOURNAL OF VIROLOGY, ( \*\*\*NOV 1999\*\*\* ) Vol. 73, No. 11, pp. 8966-8974. Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW, WASHINGTON, DC 20005-4171. ISSN: 0022-538X.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 78  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 162 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:789589 SCISEARCH  
GA The Genuine Article (R) Number: 245AY  
TI Effect of beta-chemokines on human immunodeficiency virus type 1 replication, binding, uncoating, and \*\*\*CCR5\*\*\* receptor expression in human monocyte-derived macrophages  
AU Jiang Y; Jolly P E (Reprint)  
CS UNIV ALABAMA, SCH PUBL HLTH, 1665 UNIV BLVD, ROOM 217, BIRMINGHAM, AL 35294 (Reprint); UNIV ALABAMA, SCH PUBL HLTH, BIRMINGHAM, AL 35294  
CYA USA  
SO JOURNAL OF HUMAN VIROLOGY, ( \*\*\*MAY-JUN 1999\*\*\* ) Vol. 2, No. 3, pp. 123-132. Publisher: LIPPINCOTT WILLIAMS & WILKINS, 227 EAST WASHINGTON SQ, PHILADELPHIA, PA 19106. ISSN: 1090-9508.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 39  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 163 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:712885 SCISEARCH  
GA The Genuine Article (R) Number: 235QP  
TI Adaptation of a \*\*\*CCR5\*\*\* -using, primary human immunodeficiency virus type 1 isolate for CD4-independent replication  
AU Kolchinsky P; Mirzabekov T; Farzan M; Kiprilov E; Cayabyab M; Mooney L J; Choe H; Sodroski J (Reprint)  
CS DANA FARBER CANC INST, DIV HUMAN RETROVIROL, 44 BINNEY ST, JFB 824, BOSTON, MA 02115 (Reprint); HARVARD UNIV, SCH MED, DANA FARBER CANC INST, DEPT CANC IMMUNOL & AIDS, DEPT PATHOL, BOSTON, MA 02115; HARVARD UNIV, SCH MED, CHILDRENS HOSP, PERLMUTTER LAB, BOSTON, MA 02115; HARVARD UNIV, SCH MED, DEPT MED, BOSTON, MA 02115; HARVARD UNIV, SCH MED, DEPT PEDIAT, BOSTON, MA 02115; HARVARD UNIV, SCH PUBL HLTH, DEPT IMMUNOL & INFECT DIS, BOSTON, MA 02115  
CYA USA  
SO JOURNAL OF VIROLOGY, ( \*\*\*OCT 1999\*\*\* ) Vol. 73, No. 10, pp. 8120-8126. Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW, WASHINGTON, DC 20005-4171. ISSN: 0022-538X.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 78  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 164 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:638025 SCISEARCH  
GA The Genuine Article (R) Number: 225ME  
TI CD4-chemokine receptor hybrids in human immunodeficiency virus type 1 infection  
AU Klasse P J (Reprint); Rosenkilde M M; Signoret N; PelchenMatthews A; Schwartz T W; Marsh M  
CS UNIV COLL LONDON, MRC, MOL CELL BIOL LAB, DEPT BIOCHEM & MOL BIOL, GOWER ST, LONDON WC1E 6BT, ENGLAND (Reprint); UNIV COPENHAGEN, PANUM INST, DEPT PHARMACOL. MOI PHARMACOL LAB. DK-2200 COPENHAGEN. DENMARK

SO JOURNAL OF VIROLOGY, ( \*\*\*SEP 1999\*\*\* ) Vol. 73, No. 9, pp. 7453-7466.  
 Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
 WASHINGTON, DC 20005-4171.  
 ISSN: 0022-538X.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 65  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 165 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1999:404530 SCISEARCH  
 GA The Genuine Article (R) Number: 198FV  
 TI Role of the HIV type 1 glycoprotein 120 V3 loop in determining coreceptor  
 usage  
 AU Verrier F; Borman A M; Brand D; Girard M (Reprint)  
 CS INST PASTEUR, UNITE VIROL MOL, DEPT VIROL, CNRS, URA 1966, 25 RUE DR ROUX,  
 F-75724 PARIS 15, FRANCE (Reprint); INST PASTEUR, UNITE VIROL MOL, DEPT  
 VIROL, CNRS, URA 1966, F-75724 PARIS 15, FRANCE; UNIV TOURS, VIROL LAB,  
 CNRS, F-37000 TOURS, FRANCE  
 CYA FRANCE  
 SO AIDS RESEARCH AND HUMAN RETROVIRUSES, ( \*\*\*20 MAY 1999\*\*\* ) Vol. 15, No.  
 8, pp. 731-743.  
 Publisher: MARY ANN LIEBERT INC PUBL, 2 MADISON AVENUE, LARCHMONT, NY  
 10538.  
 ISSN: 0889-2229.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 80  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 166 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1999:387679 SCISEARCH  
 GA The Genuine Article (R) Number: 195UW  
 TI Cross-subtype neutralizing antibodies induced in baboons by a subtype E  
 gp120 immunogen based on an R5 primary human immunodeficiency virus type 1  
 envelope  
 AU VanCott T C (Reprint); Mascola J R; LoomisPrice L D; Sinangil F;  
 Zitomersky N; McNeil J; Robb M L; Birx D L; Barnett S  
 CS HENRY M JACKSON FDN, 13 TAFT CT, SUITE 200, ROCKVILLE, MD 20850 (Reprint);  
 WALTER REED ARMY INST RES, DIV RETROVIROL, ROCKVILLE, MD 20850; USN, MED  
 RES INST, DEPT INFECT DIS, BETHESDA, MD 20892; CHIRON CORP, EMERYVILLE, CA  
 94608  
 CYA USA  
 SO JOURNAL OF VIROLOGY, ( \*\*\*JUN 1999\*\*\* ) Vol. 73, No. 6, pp. 4640-4650.  
 Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
 WASHINGTON, DC 20005-4171.  
 ISSN: 0022-538X.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 88  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 167 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1999:299392 SCISEARCH  
 GA The Genuine Article (R) Number: 185ZG  
 TI Functional dissection of \*\*\*CCR5\*\*\* coreceptor function through the  
 use of CD4-independent simian immunodeficiency virus strains  
 AU Edinger A L; Blanpain C; Kunstman K J; Wolinsky S M; Parmentier M; Doms R  
 W (Reprint)  
 CS UNIV PENN, DEPT PATHOL, 806 ABRAMSON, 34TH ST & CIVIC CTR BLVD,  
 PHILADELPHIA, PA 19104 (Reprint); UNIV PENN, DEPT PATHOL & LAB MED,  
 PHILADELPHIA, PA 19104; FREE UNIV BRUSSELS, IRIBHN, B-1070 BRUSSELS,  
 BELGIUM; NORTHWESTERN UNIV, SCH MED, DEPT MED, CHICAGO, IL 60611  
 CYA USA; BELGIUM  
 SO JOURNAL OF VIROLOGY, ( \*\*\*MAY 1999\*\*\* ) Vol. 73, No. 5, pp. 4062-4073.  
 Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
 WASHINGTON, DC 20005-4171.  
 ISSN: 0022-538X.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 67

L4 ANSWER 168 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1999:224311 SCISEARCH  
 GA The Genuine Article (R) Number: 175XY  
 TI Identification of CXCR4 domains that support coreceptor and chemokine  
 receptor functions  
 AU Doranz B J; Orsini M J; Turner J D; Hoffman T L; Berson J F; Hoxie J A;  
 Peiper S C; Brass L F; Doms R W (Reprint)  
 CS UNIV PENN, DEPT PATHOL & LAB MED, 34TH & CIVIC CTR BLVD, PHILADELPHIA, PA  
 19104 (Reprint); UNIV PENN, DEPT PATHOL & LAB MED, PHILADELPHIA, PA 19104;  
 UNIV PENN, DEPT MED, DIV HEMATOL ONCOL, PHILADELPHIA, PA 19104; UNIV  
 LOUISVILLE, JAMES GRAHAM BROWN CANC CTR, LOUISVILLE, KY 40202  
 CYA USA  
 SO JOURNAL OF VIROLOGY, ( \*\*\*APR 1999\*\*\* ) Vol. 73, No. 4, pp. 2752-2761.  
 Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
 WASHINGTON, DC 20005-4171.  
 ISSN: 0022-538X.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 70  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 169 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1998:689314 SCISEARCH  
 GA The Genuine Article (R) Number: 118GK  
 TI Apoptosis of CD8(+) T cells is mediated by macrophages through interaction  
 of HIV gp120 with chemokine receptor CXCR4  
 AU Herbein G; Mahlknecht U; Batliwalla F; Gregersen P; Pappas T; Butler J;  
 OBrien W A; Verdin E (Reprint)  
 CS PICOWER INST MED RES, MANHASSET, NY 11010 (Reprint); PICOWER INST MED RES,  
 MANHASSET, NY 11010; UNIV TEXAS, MED BRANCH, DEPT MED, DIV INFECT DIS,  
 GALVESTON, TX 77555; N SHORE UNIV HOSP, CORNELL UNIV MED COLL, DEPT MED,  
 DIV BIOL & HUMAN GENET, MANHASSET, NY 11030; UNIV CALIF SAN FRANCISCO,  
 GLADSTONE INST VIROL & IMMUNOL, SAN FRANCISCO, CA 94141  
 CYA USA  
 SO NATURE, ( \*\*\*10 SEP 1998\*\*\* ) Vol. 395, No. 6698, pp. 189-194.  
 Publisher: MACMILLAN MAGAZINES LTD, PORTERS SOUTH, 4 CRINAN ST, LONDON N1  
 9XW, ENGLAND.  
 ISSN: 0028-0836.  
 DT Article; Journal  
 FS PHYS; LIFE; AGRI  
 LA English  
 REC Reference Count: 26  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 170 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1998:415483 SCISEARCH  
 GA The Genuine Article (R) Number: ZP778  
 TI The bis-azo compound FP-21399 inhibits HIV-1 replication by preventing  
 viral entry  
 AU Zhang J L; Choe H; Dezube B J; Farzan M; Sharma P L; Zhou X C; Chen L B;  
 Ono M; Gillies S; Wu Y M; Sodroski J G; Crumpacker C S (Reprint)  
 CS BETH ISRAEL DEACONESS MED CTR, DIV INFECT DIS, CHARLES A DANA RES BLDG,  
 DANA 617, 330 BROOKLINE AV, BOSTON, MA 02215 (Reprint); BETH ISRAEL  
 DEACONESS MED CTR, DIV INFECT DIS, BOSTON, MA 02215; BETH ISRAEL DEACONESS  
 MED CTR, DIV HEMATOL ONCOL, BOSTON, MA 02215; DANA FARBER CANC INST, DIV  
 HUMAN RETROVIROL, BOSTON, MA 02115; DANA FARBER CANC INST, DIV CELLULAR &  
 MOL BIOL, BOSTON, MA 02115; FUJI IMMUNOPHARMACEUT CORP, LEXINGTON, MA  
 02173  
 CYA USA  
 SO VIROLOGY, ( \*\*\*10 MAY 1998\*\*\* ) Vol. 244, No. 2, pp. 530-541.  
 Publisher: ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS, 525 B ST, STE 1900,  
 SAN DIEGO, CA 92101-4495.  
 ISSN: 0042-6822.  
 DT Article; Journal  
 FS LIFE  
 LA English  
 REC Reference Count: 46  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 171 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1998:298220 SCISEARCH  
 GA The Genuine Article (R) Number: ZG623  
 TI Chemokines and their receptors. Two new actors in the physiopathology of

AU Davaro R E; Bottaro E (Reprint)  
CS MIRANDA 4402 90 A, RA-1407 BUENOS AIRES, DF, ARGENTINA (Reprint); MEM HLTH CARE, WORCESTER, MA; UNIV MASSACHUSETTS, WORCESTER, MA 01605; MED INTEGRAL METROPOLITANA, BUENOS AIRES, DF, ARGENTINA  
CYA ARGENTINA; USA  
SO MEDICINA-BUENOS AIRES, ( \*\*\*APR 1998\*\*\* ) Vol. 58, No. 1, pp. 78-84.  
Publisher: MEDICINA (BUENOS AIRES), DONATO ALVAREZ 3150, 1427 BUENOS AIRES, ARGENTINA.  
ISSN: 0025-7680.  
DT Article; Journal  
FS LIFE  
LA Spanish  
REC Reference Count: 57  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 172 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1998:152974 SCISEARCH  
GA The Genuine Article (R) Number: YX013  
TI Coreceptor utilization by human immunodeficiency virus type 1 is not a primary determinant of neutralization sensitivity  
AU LaCasse R A; Follis K E; Moudgil T; Trahey M; Binley J M; Planelles V; ZollaPazner S; Nunberg J H (Reprint)  
CS UNIV MONTANA, MONTANA BIOTECHNOL CTR, MISSOULA, MT 59812 (Reprint); UNIV MONTANA, MONTANA BIOTECHNOL CTR, MISSOULA, MT 59812; AARON DIAMOND AIDS RES CTR, NEW YORK, NY 10016; ROCKEFELLER UNIV, NEW YORK, NY 10016; UNIV ROCHESTER, CTR CANC, ROCHESTER, NY 14642; VET AFFAIRS, NEW YORK, NY 10010; NYU, MED CTR, NEW YORK, NY 10010  
CYA USA  
SO JOURNAL OF VIROLOGY, ( \*\*\*MAR 1998\*\*\* ) Vol. 72, No. 3, pp. 2491-2495.  
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW, WASHINGTON, DC 20005-4171.  
ISSN: 0022-538X.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 39  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 173 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1998:152902 SCISEARCH  
GA The Genuine Article (R) Number: YX013  
TI Neutralization sensitivity of human immunodeficiency virus type 1 primary isolates to antibodies and CD4-based reagents is independent of coreceptor usage  
AU Trkola A; Ketas T; Kewalramani V N; Endorf F; Binley J M; Katinger H; Robinson J; Littman D R; Moore J P (Reprint)  
CS ROCKEFELLER UNIV, AARON DIAMOND AIDS RES CTR, 455 1ST AVE, 7TH FLOOR, NEW YORK, NY 10016 (Reprint); ROCKEFELLER UNIV, AARON DIAMOND AIDS RES CTR, NEW YORK, NY 10016; NYU, SCH MED, SKIRBALL INST BIOMOL MED, NEW YORK, NY 10016; HOWARD HUGHES MED INST, NEW YORK, NY 10016; AGR UNIV VIENNA, INST APPL MICROBIOL, A-1180 VIENNA, AUSTRIA; TULANE UNIV, MED CTR, DEPT PEDIAT, NEW ORLEANS, LA 70112  
CYA USA; AUSTRIA  
SO JOURNAL OF VIROLOGY, ( \*\*\*MAR 1998\*\*\* ) Vol. 72, No. 3, pp. 1876-1885.  
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW, WASHINGTON, DC 20005-4171.  
ISSN: 0022-538X.  
DT General Review; Journal  
FS LIFE  
LA English  
REC Reference Count: 107  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 174 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1998:2717 SCISEARCH  
GA The Genuine Article (R) Number: YL010  
TI Spontaneous mutations in the env gene of the human immunodeficiency virus type 1 NDK isolate are associated with a CD4-independent entry phenotype  
AU Dumonceaux J; Nisole S; Chanel C; Quivet L; Amara A; Baleux F; Briand P; Hazan U (Reprint)  
CS INST COCHIN GENET MOL, LAB PATHOL & GENET EXPT, INSERM, U380, 22 RUE MECHAIN, F-75014 PARIS, FRANCE (Reprint); INST COCHIN GENET MOL, LAB PATHOL & GENET EXPT, INSERM, U380, F-75014 PARIS, FRANCE; INST PASTEUR, UNITE VIROL & IMMUNOL CELLULAIRE, URA 1157, F-75015 PARIS, FRANCE; INST PASTEUR. UNTTE IMMUNOI VTRAIF. F-75015 PARIS. FRANCE: INST PASTEUR. UNITE

PARIS, FRANCE  
CYA FRANCE  
SO JOURNAL OF VIROLOGY, ( \*\*\*JAN 1998\*\*\* ) Vol. 72, No. 1, pp. 512-519.  
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
WASHINGTON, DC 20005-4171.  
ISSN: 0022-538X.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 38  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 175 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1998:2702 SCISEARCH  
GA The Genuine Article (R) Number: YL010  
TI Genetic subtype-independent inhibition of human immunodeficiency virus  
type 1 replication by CC and CXC chemokines  
AU Trkola A; Paxton W A; Monard S P; Hoxie J A; Siani M A; Thompson D A; Wu L  
J; Mackay C R; Horuk R; Moore J P (Reprint)  
CS ROCKEFELLER UNIV, AARON DIAMOND AIDS RES CTR, 455 1ST AVE, NEW YORK, NY  
10021 (Reprint); ROCKEFELLER UNIV, AARON DIAMOND AIDS RES CTR, NEW YORK,  
NY 10021; UNIV PENN, DIV HEMATOL ONCOL, PHILADELPHIA, PA 19104; GRYPHON  
SCI INC, S SAN FRANCISCO, CA 94080; LEUKOSITE INC, CAMBRIDGE, MA 02142;  
BERLEX BIOSCI INC, DEPT IMMUNOL, RICHMOND, CA 94809  
CYA USA  
SO JOURNAL OF VIROLOGY, ( \*\*\*JAN 1998\*\*\* ) Vol. 72, No. 1, pp. 396-404.  
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
WASHINGTON, DC 20005-4171.  
ISSN: 0022-538X.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 62  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 176 OF 246 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 97:778179 SCISEARCH  
GA The Genuine Article (R) Number: YB143  
TI Promiscuous use of CC and CXC chemokine receptors in cell-to-cell fusion  
mediated by a human immunodeficiency virus type 2 envelope protein  
AU Bron R; Klasse P J; Wilkinson D; Clapham P R; PelchenMatthews A; Power C;  
Wells T N C; Kim J; Peiper S C; Hoxie J A; Marsh M (Reprint)  
CS UNIV COLL LONDON, MRC, MOL CELL BIOL LAB, GOWER ST, LONDON WC1E 6BT,  
ENGLAND (Reprint); UNIV COLL LONDON, MRC, MOL CELL BIOL LAB, LONDON WC1E  
6BT, ENGLAND; UNIV COLL LONDON, DEPT BIOCHEM, LONDON WC1E 6BT, ENGLAND;  
INST CANC RES, CHESTER BEATTY LABS, LONDON SW3 6JB, ENGLAND; GLAXO  
WELLCOME RES & DEV SA, GENEVA BIOMED RES INST, GENEVA, SWITZERLAND;  
GENENTECH INC, S SAN FRANCISCO, CA 94080; UNIV LOUISVILLE, JAMES GRAHAM  
BROWN CANC CTR, LOUISVILLE, KY 40292; HOSP UNIV PENN, DEPT MED,  
PHILADELPHIA, PA 19104  
CYA ENGLAND; SWITZERLAND; USA  
SO JOURNAL OF VIROLOGY, ( \*\*\*NOV 1997\*\*\* ) Vol. 71, No. 11, pp. 8405-8415.  
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
WASHINGTON, DC 20005-4171.  
ISSN: 0022-538X.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 64  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 177 OF 246 USPATFULL on STN  
AN 2004:65967 USPATFULL  
TI Thiolesters and uses thereof  
IN Turpin, James A., Frederick, MD, United States  
Song, Yongsheng, East Haven, CT, United States  
Appella, Ettore, Chevy Chase, MD, United States  
Inman, John K., Bethesda, MD, United States  
Covell, David G., Chevy Chase, MD, United States  
Rice, William G., Madison, CT, United States  
Wallqvist, Anders, Frederick, MD, United States  
Maynard, Andrew, Wilmington, DE, United States  
Huang, Mingjun, Rockville, MD, United States  
PA The United States of America as represented by the Department of Health  
and Human Services. Washington. DC. United States (U.S. government)



WO 9965871 19991223 <--

AI US 2001-701451 20010516 (9)  
WO 1999-US13856 19990618

PRAI US 1998-89842P 19980619 (60)

DT Utility  
FS GRANTED  
LN.CNT 2387

INCL INCLM: 514/298.000  
INCLS: 514/354.000; 514/355.000; 546/298.000

NCL NCLM: 514/298.000  
NCLS: 514/354.000; 514/355.000; 546/298.000

IC [7]  
ICM: A61K031-44  
ICS: C07D213-78

EXF 546/329; 546/298; 514/357; 514/354; 514/355

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 178 OF 246 USPATFULL on STN

AN 2003:291233 USPATFULL

TI Anti-(retro)viral conjugates of saccharides and acetamidino or guanidino compounds

IN Lapidot, Aviva, Rehovot, ISRAEL  
Litovchick, Alexander, Boston, MA, United States  
Evdokimov, Artem G., Fredrick, MD, United States

PA Yeda Research and Development Co. Ltd., Rehovot, ISRAEL (non-U.S. corporation)

PI US 6642365 B1 20031104  
WO 2000039139 20000706 <--

AI US 2001-869437 20010628 (9)  
WO 1999-IL704 19991228

DT Utility  
FS GRANTED  
LN.CNT 2195

INCL INCLM: 536/013.700  
INCLS: 536/013.600; 536/013.200; 536/016.600; 514/025.000; 514/039.000;  
514/041.000

NCL NCLM: 536/013.700  
NCLS: 536/013.200; 536/013.600; 536/016.600

IC [7]  
ICM: C07H001-00  
ICS: A61K031-70

EXF 536/13.7; 536/13.6; 536/13.2; 536/16.6; 514/25; 514/39; 514/41

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 179 OF 246 USPATFULL on STN

AN 2003:190552 USPATFULL

TI Methods for the modulation of the growth of collateral arteries and/or other arteries from preexisting arteriolar connections

IN Schaper, Wolfgang, Bad Nauheim/Rodgen, GERMANY, FEDERAL REPUBLIC OF  
Ito, Wulf D., Luneburg, GERMANY, FEDERAL REPUBLIC OF

PA Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.v., Berlin, GERMANY, FEDERAL REPUBLIC OF (non-U.S. corporation)

PI US 6592862 B1 20030715  
WO 9844953 19981015 <--

AI US 1999-402358 19991210 (9)  
WO 1998-EP1891 19980401

PRAI EP 1997-105647 19970404

DT Utility  
FS GRANTED  
LN.CNT 1379

INCL INCLM: 424/085.100  
INCLS: 514/002.000; 514/008.000; 514/012.000

NCL NCLM: 424/085.100  
NCLS: 514/002.000; 514/008.000; 514/012.000

IC [7]  
ICM: A61K038-19

EXF 424/85.1; 435/724; 514/12; 514/44; 514/2; 514/8

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 180 OF 246 USPATFULL on STN

AN 2003:137087 USPATFULL

TI Diphenyl-piperidine derivative

IN Baxter, Andrew J G, Loughborough, UNITED KINGDOM  
Brough, Stephen J, Loughborough, UNITED KINGDOM  
McInally, Thomas, Loughborough, UNITED KINGDOM

PI US 6566376 B1 20030520  
WO 2001005782 20010125 <--  
AI US 2000-623744 20000908 (9)  
WO 2000-GB2756 20000718  
PRAI SE 1999-2765 19990721  
DT Utility  
FS GRANTED  
LN.CNT 1792  
INCL INCLM: 514/326.000  
INCLS: 514/218.000; 514/235.500; 514/255.000; 514/316.000; 514/318.000;  
540/525.000; 544/129.000; 544/370.000; 546/187.000; 546/193.000;  
546/208.000; 546/209.000; 546/210.000; 546/211.000  
NCL NCLM: 514/326.000  
NCLS: 514/218.000; 514/235.500; 514/253.090; 514/316.000; 514/318.000;  
540/525.000; 544/129.000; 544/370.000; 546/187.000; 546/193.000;  
546/208.000; 546/209.000; 546/210.000; 546/211.000  
IC [7]  
ICM: A61K031-445  
ICS: C07D401-06  
EXF 514/218; 514/235.5; 514/255; 514/316; 514/318; 514/326; 540/525;  
544/129; 544/370; 546/187; 546/193; 546/208; 546/209; 546/210; 546/211  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 181 OF 246 USPATFULL on STN  
AN 2003:129937 USPATFULL  
TI Piperazine derivatives as modulators of chemokine receptor activity  
IN Baxter, Andrew J G, Loughborough, UNITED KINGDOM  
Brough, Stephen J, Loughborough, UNITED KINGDOM  
Kindon, Nicholas D, Loughborough, UNITED KINGDOM  
McInally, Thomas, Loughborough, UNITED KINGDOM  
Roberts, Bryan, Loughborough, UNITED KINGDOM  
PA Astrazeneca UK Limited, London, UNITED KINGDOM (non-U.S. corporation)  
PI US 6562825 B1 20030513  
WO 2001002381 20010111 <--  
AI US 2000-640398 20000817 (9)  
WO 2000-GB2470 20000627  
PRAI SE 1999-2551 19990702  
DT Utility  
FS GRANTED  
LN.CNT 1225  
INCL INCLM: 514/252.120  
INCLS: 544/400.000  
NCL NCLM: 514/252.120  
NCLS: 544/400.000  
IC [7]  
ICM: A61K031-495  
ICS: C07D295-13; C07D295-185; C07D295-155  
EXF 544/400; 514/252.12  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 182 OF 246 USPATFULL on STN  
AN 2003:74473 USPATFULL  
TI Chemokine variants  
IN Oravec, Tamas, Palo Alto, CA, United States  
Norcross, Michael A., Bethesda, MD, United States  
PA The United States of America as represented by the Department of Health  
& Human Services, Washington, DC, United States (U.S. government)  
PI US 6534626 B1 20030318  
WO 9928474 19990610 <--  
AI US 2000-555663 20000914 (9)  
WO 1998-US25492 19981201  
PRAI US 1997-67033P 19971201 (60)  
DT Utility  
FS GRANTED  
LN.CNT 1545  
INCL INCLM: 530/300.000  
INCLS: 500/324.000; 435/320.100; 435/091.100; 536/023.100; 536/024.330  
NCL NCLM: 530/300.000  
NCLS: 435/091.100; 435/320.100; 530/324.000; 536/023.100; 536/024.330  
IC [7]  
ICM: C07K005-00  
ICS: C12N015-74; C12P019-34; C07H021-04  
EXF 424/185.1; 424/195.11; 424/198.1; 435/320.1; 435/7.1; 435/7.2; 435/69.1;  
435/91.1; 436/501; 530/300; 530/324; 536/23.1; 536/24.3; 536/24.33  
CAS INDEXING IS AVATIARIF FOR THIS PATENT.

L4 ANSWER 183 OF 246 USPATFULL on STN  
 AN 2002:303719 USPATFULL  
 TI Polypeptide having human HIV inhibitory activity, a gene encoding the polypeptide, a method to produce the polypeptide  
 IN Tanaka, Haruo, Machida, JAPAN  
 Ohmura, Satoshi, Tokyo, JAPAN  
 PA Gakkou Houjin Kitasato Gakuen, Tokyo, JAPAN (non-U.S. corporation)  
 Japan Society for the Promotion of Science, Tokyo, JAPAN (non-U.S. corporation)  
 PI US 6482412 B1 20021119  
 WO 2000052043 20000908 <--  
 AI US 2001-674608 20010124 (9)  
 WO 1999-JP5199 19990922  
 PRAI JP 1999-56960 19990304  
 JP 1999-58434 19990305  
 DT Utility  
 FS GRANTED  
 LN.CNT 810  
 INCL INCLM: 424/185.100  
 INCLS: 424/184.100; 424/188.100; 424/246.100; 435/070.100  
 NCL NCLM: 424/185.100  
 NCLS: 424/184.100; 424/188.100; 424/246.100; 435/070.100  
 IC [7]  
 ICM: A61K039-00  
 ICS: A61K039-21; C12P021-04  
 EXF 424/184.1; 424/185.1; 424/188.1; 424/246.1; 435/70.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 184 OF 246 USPATFULL on STN  
 AN 2002:194961 USPATFULL  
 TI HIV infection inhibitors  
 IN Iijima, Osamu, Tsukuba, JAPAN  
 Goto, Takeshi, Tsukuba, JAPAN  
 Shimada, Takashi, Tokyo, JAPAN  
 PA Hisamitsu Pharmaceutical Co., Inc., Saga, JAPAN (non-U.S. corporation)  
 PI US 6429308 B1 20020806  
 WO 2000031271 20000602 <--  
 AI US 2000-582224 20000721 (9)  
 WO 1999-JP6534 19991124  
 20000721 PCT 371 date  
 PRAI JP 1998-332760 19981124  
 DT Utility  
 FS GRANTED  
 LN.CNT 402  
 INCL INCLM: 536/024.500  
 INCLS: 435/006.000; 435/091.100; 435/455.000; 435/458.000; 536/023.100  
 NCL NCLM: 536/024.500  
 NCLS: 435/006.000; 435/091.100; 435/455.000; 435/458.000; 536/023.100  
 IC [7]  
 ICM: C07H021-04  
 ICS: C07H021-02; C12Q001-68; C12P019-34; C12N015-63  
 EXF 435/6; 435/91.1; 435/91.5; 435/375; 435/455; 435/366; 514/44; 536/23.1;  
 536/24.5  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 185 OF 246 USPATFULL on STN  
 AN 2002:188125 USPATFULL  
 TI Protease-activatable pseudomonas exotoxin A-like proproteins  
 IN Fitzgerald, David J., Rockville, MD, United States  
 Reiter, Yoram, Ness Ziona, ISRAEL  
 Pastan, Ira, Potomac, MD, United States  
 PA The United States of America as represented by the Secretary of the  
 Department of Health and Human Services, Washington, DC, United States  
 (U.S. government)  
 PI US 6426075 B1 20020730  
 WO 9820135 19980514 <--  
 AI US 1999-297851 19990730 (9)  
 WO 1997-US20207 19971105  
 19990730 PCT 371 date  
 PRAI US 1996-30376P 19961106 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 2738  
 INCL INCLM: 424/260.100  
 INCLS: 424/183.100; 424/184.100; 424/236.100; 424/260.100; 424/192.100:

NCL      NCLM: 435/713.000; 530/356.000; 530/387.300; 530/391.700  
          NCLS: 424/260.100  
          424/183.100; 424/184.100; 424/192.100; 424/193.100; 424/236.100;  
          424/261.100; 435/069.100; 435/069.700; 435/071.100; 435/071.300;  
          530/356.000; 530/387.300; 530/391.700  
 IC      [7]  
          ICM: A61K039-108  
          ICS: A61K039-00; C12P021-04; C12P021-06; C12N015-09  
 EXF      424/260.1; 424/183.1; 424/236.1; 424/184.1; 424/261; 424/192.1;  
          424/193.1; 435/69.1; 435/71.1; 435/69.7; 435/71.3; 530/387.3; 530/391.7;  
          530/356

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4      ANSWER 186 OF 246    USPATFULL on STN  
 AN      2002:50618    USPATFULL  
 TI      \*\*\*soluble\*\*\*    vaccinia virus protein that binds chemokines  
 IN      Smith, Geoffrey, Oxford, UNITED KINGDOM  
          Ng, Aylwin, Singapore, SINGAPORE  
 PA      Isis Innovation Ltd., Oxford, UNITED KINGDOM (non-U.S. corporation)  
 PI      US 6355252                      B1    20020312  
          WO 9837217    19980827  
 AI      US 1999-367781                      19991122 (9)  
          WO 1998-GB569                      19980223  
                                               19991122    PCT 371 date  
 PRAI    GB 1997-3592                      19970221  
          GB 1998-113                      19980105  
 DT      Utility  
 FS      GRANTED  
 LN.CNT 1109  
 INCL    INCLM: 424/232.100  
          INCLS: 424/205.100; 435/235.100; 435/236.000; 935/032.000  
 NCL    NCLM: 424/232.100  
          NCLS: 424/205.100; 435/235.100; 435/236.000  
 IC      [7]  
          ICM: A61K039-275  
 EXF    424/199.1; 424/205; 424/205.1; 424/224.1; 424/227.1; 424/230.1;  
          424/231.1; 424/232.1; 424/239; 424/265.1; 424/268.1; 424/272.1;  
          435/69.1; 435/69.3; 435/172.3; 435/235.1; 435/236; 435/240; 435/320.1;  
          935/32; 935/65; 935/70

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4      ANSWER 187 OF 246    USPATFULL on STN  
 AN      2001:231346    USPATFULL  
 TI      Method for treating AIDS and HIV infection using select peptides from  
          the beta subunit of human chorionic gonadotropin  
 IN      Bourinbaier, Aldar S., New York, NY, United States  
 PA      Metatron, Inc., Deer Park, NY, United States (U.S. corporation)  
 PI      US 6331610                      B1    20011218                      <--  
 AI      US 1997-908371                      19970807 (8)  
 DT      Utility  
 FS      GRANTED  
 LN.CNT 1012  
 INCL    INCLM: 530/324.000  
          INCLS: 530/328.000; 530/329.000; 530/330.000; 514/002.000; 514/015.000;  
          514/016.000; 514/017.000  
 NCL    NCLM: 530/324.000  
          NCLS: 530/328.000; 530/329.000; 530/330.000  
 IC      [7]  
          ICM: A61K038-00  
 EXF    514/12; 514/15; 514/2; 530/324; 530/328; 530/59; 530/329; 530/330

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4      ANSWER 188 OF 246    USPATFULL on STN  
 AN      2001:231285    USPATFULL  
 TI      Heterocyclic piperidines as modulators of chemokine receptor activity  
 IN      Ko, Soo S., 7 Aston Cir., Hockessin, DE, United States 19707  
          DeLucca, George V., 2703 Marklyn Dr., Wilmington, DE, United States  
          19810  
          Duncia, John V., 4 Markham Ct., Hockessin, DE, United States 19707  
          Santella, III, Joseph B., 250 Lewis Rd., Springfield, PA, United States  
          19064  
          Wacker, Dean A., 9 Balmoral Dr., Chadds Ford, PA, United States 19317  
 PI      US 6331545                      B1    20011218                      <--  
 AI      US 1999-465949                      19991217 (9)  
 PRAI    US 1998-112714P                      19981218 (60)

FS GRANTED  
LN.CNT 5847  
INCL INCLM: 514/253.010  
INCLS: 514/227.800; 514/231.500; 514/254.010; 514/307.000; 514/316.000;  
544/060.000; 544/129.000; 544/141.000; 544/360.000; 544/364.000;  
544/365.000; 544/372.000; 546/146.000; 546/186.000; 546/190.000;  
546/191.000  
NCL NCLM: 514/253.010  
NCLS: 514/227.800; 514/231.500; 514/254.010; 514/307.000; 514/316.000;  
544/060.000; 544/129.000; 544/141.000; 544/360.000; 544/364.000;  
544/365.000; 544/372.000; 546/146.000; 546/186.000; 546/190.000;  
546/191.000  
IC [7]  
ICM: A61K031-506  
ICS: C07D401-06; C07D403-06  
EXF 514/253.01; 514/254.01; 514/227.8; 514/231.5; 514/307; 514/316; 544/360;  
544/364; 544/365; 544/372; 544/60; 544/129; 544/141; 546/146; 546/186;  
546/190; 546/191  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 189 OF 246 USPATFULL on STN  
AN 2001:231281 USPATFULL  
TI N-ureidoalkyl-piperidines as modulators of chemokine receptor activity  
IN Ko, Soo S., 7 Aston Cir., Hockessin, DE, United States 19707  
DeLucca, George V., 2703 Marklyn Dr., Wilmington, DE, United States  
19810  
Duncia, John V., 4 Markham Ct., Hockessin, DE, United States 19707  
Santella, III, Joseph B., 250 Lewis Rd., Springfield, PA, United States  
19064  
Gardner, Daniel S., 104 Paladin Dr., Wilmington, DE, United States  
19802  
PI US 6331541 B1 20011218 <--  
AI US 1999-465288 19991217 (9)  
PRAI US 1999-161222P 19991022 (60)  
US 1998-112717P 19981218 (60)  
DT Utility  
FS GRANTED  
LN.CNT 8449  
INCL INCLM: 514/237.200  
INCLS: 544/233.000; 544/230.000; 544/131.000; 514/331.000; 514/253.010;  
514/313.000; 514/310.000; 546/162.000; 546/143.000  
NCL NCLM: 514/237.200  
NCLS: 514/253.010; 514/310.000; 514/313.000; 514/331.000; 544/131.000;  
544/230.000; 544/233.000; 546/143.000; 546/162.000  
IC [7]  
ICM: C07D237-02  
ICS: C07D413-08; C07D217-00; A61K031-47; A61K031-445  
EXF 546/233; 546/230; 546/162; 546/143; 514/331; 514/253.01; 514/313;  
514/237.2; 514/310; 544/360; 544/131  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 190 OF 246 USPATFULL on STN  
AN 2001:229682 USPATFULL  
TI Flavopiridol methods and compositions for HIV therapy  
IN Price, David H., Iowa City, IA, United States  
Senderowicz, Adrian M., Rockville, MD, United States  
PI US 2001051635 A1 20011213 <--  
US 6660750 B2 20031209  
AI US 2001-784633 A1 20010215 (9)  
PRAI US 2000-182440P 20000215 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3905  
INCL INCLM: 514/319.000  
NCL NCLM: 514/320.000  
IC [7]  
ICM: A61K031-453  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 191 OF 246 USPATFULL on STN  
AN 2001:229421 USPATFULL  
TI T-CELL CLONES EXPRESSING ANTI-HIV-1 FACTORS  
IN SAHA, KUNAL, HILLIARD, OH, United States  
PI US 2001051373 A1 20011213 <--  
AI US 1999-369333 A1 19990806 (9)

FS APPLICATION  
LN.CNT 628  
INCL INCLM: 435/372.300  
NCL NCLM: 435/372.300  
IC [7]  
ICM: C12N005-08

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 192 OF 246 USPATFULL on STN  
AN 2001:226759 USPATFULL  
TI Anti-CCR1 antibodies and methods of use therefor  
IN Qin, Shixin, Lexington, MA, United States  
Newman, Walter, Boston, MA, United States  
Kassam, Nasim, Waltham, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)

PI US 6329510 B1 20011211 <--  
AI US 1999-239938 19990129 (9)  
DT Utility  
FS GRANTED

LN.CNT 2308  
INCL INCLM: 530/388.220  
INCLS: 424/143.100; 424/144.700  
NCL NCLM: 530/388.220  
NCLS: 424/143.100; 424/144.100; 435/007.920  
IC [7]  
ICM: C07K016-28

EXF 424/143.1; 424/144.7; 530/388.22  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 193 OF 246 USPATFULL on STN  
AN 2001:224134 USPATFULL  
TI METHOD OF DETERMINING DOWN-REGULATION OF THE EXPRESSION OF HIV  
CORECEPTOR, \*\*\*CCR5\*\*\* WITH PRODUCT R  
IN HIRSCHMAN, SHALOM Z., RIVERDALE, NY, United States  
CHEN, CHAOWUAN, EDISON, NJ, United States

PI US 2001049351 A1 20011206 <--  
AI US 1999-257739 A1 19990225 (9)  
DT Utility  
FS APPLICATION

LN.CNT 396  
INCL INCLM: 514/002.000  
NCL NCLM: 514/002.000  
IC [7]  
ICM: A01N037-18  
ICS: A61K038-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 194 OF 246 USPATFULL on STN  
AN 2001:220839 USPATFULL  
TI Compositions and methods for inhibiting human immunodeficiency virus  
infection by down-regulating human cellular genes  
IN Holzmayer, Tanya A., Mountain View, CA, United States  
Dunn, Stephen J., Mountain View, CA, United States  
Dayn, Andrew, Mountain View, CA, United States

PA Subsidiary No. 3, Inc., Wilmington, NC, United States (U.S. corporation)  
PI US 6326152 B1 20011204 <--  
AI US 2000-587674 20000605 (9)  
RLI Division of Ser. No. US 1997-867314, filed on 2 Jun 1997, now patented,  
Pat. No. US 6071743, issued on 6 Jun 2000

DT Utility  
FS GRANTED  
LN.CNT 1771  
INCL INCLM: 435/006.000  
INCLS: 435/007.100; 435/007.710; 435/026.000; 435/236.000; 435/325.000  
NCL NCLM: 435/006.000  
NCLS: 435/007.100; 435/007.710; 435/026.000; 435/236.000; 435/325.000  
IC [7]  
ICM: C12Q001-68

ICS: C12Q001-32; G01N033-53; C12N009-88; C12N005-02  
EXF 435/6; 435/7.1; 435/7.71; 435/26; 435/320.1; 435/325; 435/236  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 195 OF 246 USPATFULL on STN  
AN 2001:218588 USPATFULL

IN Root, Michael J., Boston, MA, United States  
Kay, Michael S., Somerville, MA, United States  
Chan, David C., Arcadia, CA, United States  
Kim, Peter S., Lexington, MA, United States  
PA Whitehead Institute for Biomedical Research, Cambridge, MA, United  
States, 02142 (U.S. corporation)  
PI US 2001047080 A1 20011129 <--  
AI US 2000-738945 A1 20001215 (9)  
PRAI US 1999-171042P 19991216 (60)  
US 2000-234572P 20000922 (60)

DT Utility  
FS APPLICATION  
LN.CNT 993

INCL INCLM: 530/350.000  
INCLS: 424/178.100; 530/388.350  
NCL NCLM: 530/350.000  
NCLS: 424/178.100; 530/388.350

IC [7]  
ICM: A61K039-42  
ICS: C07K014-16; C07K016-10

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 196 OF 246 USPATFULL on STN  
AN 2001:208652 USPATFULL  
TI Methods for detecting and/or identifying agents which bind and/or  
modulate function of "bonzo" chemokine receptor  
IN Briskin, Michael J., Lexington, MA, United States  
Murphy, Kristine E., Wakefield, MA, United States  
Wilbanks, Alyson M., Cambridge, MA, United States  
Wu, Lijun, Reading, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)

PI US 6319675 B1 20011120 <--  
AI US 1999-449437 19991124 (9)  
DT Utility  
FS GRANTED

LN.CNT 3049  
INCL INCLM: 435/007.100  
INCLS: 435/007.210; 435/007.240; 530/350.000; 530/387.300; 530/395.000  
NCL NCLM: 435/007.100  
NCLS: 435/007.210; 435/007.240; 530/350.000; 530/387.300; 530/395.000

IC [7]  
ICM: G01N033-53  
ICS: C07K014-435; C07K014-705; C07K014-715; C07K014-46

EXF 435/7.1; 435/7.21; 435/7.24; 530/350; 530/387.3; 530/395

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 197 OF 246 USPATFULL on STN  
AN 2001:202631 USPATFULL  
TI Chemokine receptor antagonists  
IN Bratton, Larry Don, Whitmore Lake, MI, United States  
Miller, Steven Robert, Ann Arbor, MI, United States  
Roth, Bruce David, Plymouth, MI, United States  
Trivedi, Bharat Kalidas, Ann Arbor, MI, United States  
Unangst, Paul Charles, Ann Arbor, MI, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)

PI US 6316449 B1 20011113 <--  
AI US 2000-558267 20000425 (9)  
DT Utility  
FS GRANTED

LN.CNT 1726  
INCL INCLM: 514/252.040  
INCLS: 514/256.000; 514/259.000; 544/238.000; 544/311.000; 544/283.000;  
544/287.000  
NCL NCLM: 514/252.040  
NCLS: 514/256.000; 514/266.210; 544/238.000; 544/283.000; 544/287.000;  
544/311.000

IC [7]  
ICM: A61K031-150  
ICS: A61K031-505; C07D401-00; C07D239-02; C07D239-72  
EXF 546/52; 546/51; 514/280; 514/256; 514/252.04; 514/259; 544/238; 544/283;  
544/311; 544/287

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2001:202400 USPATFULL  
TI Genetic suppressor elements against human immunodeficiency virus  
IN Holzmayer, Tanya A., Mountain View, CA, United States  
Dunn, Stephen J., Mountain View, CA, United States  
PA Subsidiary No. 3, Inc., Wilmington, NC, United States (U.S. corporation)  
PI US 6316210 B1 20011113 <--  
AI US 1999-388128 19990901 (9)  
RLI Continuation-in-part of Ser. No. US 1998-218755, filed on 22 Dec 1998  
Continuation-in-part of Ser. No. WO 1996-US20435, filed on 20 Dec 1996  
Continuation-in-part of Ser. No. US 1996-775703, filed on 18 Dec 1996  
Continuation-in-part of Ser. No. US 1995-575416, filed on 20 Dec 1995,  
now abandoned  
DT Utility  
FS GRANTED  
LN.CNT 1197  
INCL INCLM: 435/007.230  
INCLS: 435/006.000; 435/069.100; 514/044.000; 536/023.720  
NCL NCLM: 435/007.230  
NCLS: 435/006.000; 435/069.100; 514/044.000; 536/023.720  
IC [7]  
ICM: G01N033-574  
ICS: C12Q001-68; C12P021-06; A01N043-04; C07H021-04  
EXF 536/23.72; 514/44; 435/7.23; 435/6; 435/69.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 199 OF 246 USPATFULL on STN  
AN 2001:199923 USPATFULL  
TI Assay method  
IN Dobbs, Susan, Sandwich, Great Britain  
Perros, Manoussos, Sandwich, Great Britain  
Rickett, Graham Anthony, Sandwich, Great Britain  
PI US 2001039026 A1 20011108 <--  
AI US 2001-759841 A1 20010112 (9)  
PRAI GB 2000-661 20000112  
GB 2000-663 20000112  
GB 2000-659 20000112  
DT Utility  
FS APPLICATION  
LN.CNT 4395  
INCL INCLM: 435/007.920  
INCLS: 435/005.000  
NCL NCLM: 435/007.920  
NCLS: 435/005.000  
IC [7]  
ICM: G01N033-537  
ICS: C12Q001-70  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 200 OF 246 USPATFULL on STN  
AN 2001:196598 USPATFULL  
TI Anti-CCR2 antibodies and methods of use therefor  
IN LaRosa, Gregory J., West Roxbury, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)  
PI US 6312689 B1 20011106 <--  
AI US 1998-121781 19980723 (9)  
DT Utility  
FS GRANTED  
LN.CNT 2209  
INCL INCLM: 424/130.100  
INCLS: 424/143.100; 424/159.100; 424/141.100; 530/388.220; 530/388.230;  
530/389.200  
NCL NCLM: 424/130.100  
NCLS: 424/141.100; 424/143.100; 424/159.100; 530/388.220; 530/388.230;  
530/389.200  
IC [7]  
ICM: A61K039-395  
ICS: C07K016-00  
EXF 424/143.1; 424/130.1; 424/159.1; 424/141.1; 530/388.22; 530/388.23;  
530/389.2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 201 OF 246 USPATFULL on STN  
AN 2001:182105 USPATFULL  
TI Controlled delivery of antigens



Bannon, Gary A., Little Rock, AR, United States  
 Burks, A. Wesley, JR., Little Rock, AR, United States  
 Sampson, Hugh A., Larchmont, NY, United States

PI US 2001031262 A1 20011018 <--  
 AI US 2000-730921 A1 20001206 (9)  
 PRAI US 1999-169330P 19991206 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1143  
 INCL INCLM: 424/178.100  
 INCLS: 424/450.000  
 NCL NCLM: 424/178.100  
 NCLS: 424/450.000  
 IC [7]  
 ICM: A61K039-395  
 ICS: A61K009-127  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 202 OF 246 USPATFULL on STN  
 AN 2001:179086 USPATFULL  
 TI 3-thienyl and 3-furanyl pyrrolidine modulators of chemokine receptor activity  
 IN Bao, Jianming, Scotch Plains, NJ, United States  
 Forbes, Christopher, Philadelphia, PA, United States  
 Miao, Shouwu, Edison, NJ, United States  
 Parsons, William H., Edison, NJ, United States  
 Rupprecht, Kathleen, Cranford, NJ, United States  
 Kayser, Frank, San Francisco, CA, United States  
 PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
 PI US 6303593 B1 20011016 <--  
 AI US 2000-516621 20000301 (9)  
 PRAI US 1999-122586P 19990302 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 7769  
 INCL INCLM: 514/210.000  
 INCLS: 514/213.000; 514/255.000; 514/278.000; 514/291.000; 514/297.000;  
 514/318.000; 514/319.000; 514/326.000; 514/327.000; 514/331.000;  
 514/442.000; 540/594.000; 540/602.000; 544/372.000; 546/017.000;  
 546/018.000; 546/192.000; 546/195.000; 546/196.000; 546/198.000;  
 546/201.000; 546/202.000; 546/205.000; 546/207.000; 546/208.000;  
 546/209.000; 546/465.000; 546/517.000; 546/518.000; 546/527.000  
 NCL NCLM: 514/210.200  
 NCLS: 514/217.080; 514/278.000; 514/291.000; 514/297.000; 514/318.000;  
 514/319.000; 514/326.000; 514/327.000; 514/331.000; 514/442.000;  
 540/594.000; 540/602.000; 544/372.000; 546/017.000; 546/018.000;  
 546/192.000; 546/195.000; 546/196.000; 546/198.000; 546/201.000;  
 546/202.000; 546/205.000; 546/207.000; 546/208.000; 546/209.000  
 IC [7]  
 ICM: A61K031-395  
 ICS: A61K031-44; C07D451-00; C07D401-00; C07D405-00  
 EXF 546/18; 546/17; 546/213; 546/214; 546/201; 546/202; 546/198; 546/208;  
 546/209; 546/192; 546/195; 546/196; 546/205; 546/207; 514/318; 514/319;  
 514/327; 514/331; 514/291; 514/797; 514/210; 514/213; 514/255; 514/278;  
 514/326; 514/422; 544/372; 540/594; 540/602; 548/465; 548/517; 548/518;  
 548/527  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 203 OF 246 USPATFULL on STN  
 AN 2001:178632 USPATFULL  
 TI Method of using human receptor protein 4-1BB  
 IN Kwon, Byoung S., Carmel, IN, United States  
 PA Advanced Research and Technology, Indianapolis, IN, United States (U.S. corporation)  
 PI US 6303121 B1 20011016 <--  
 AI US 1998-7097 19980114 (9)  
 RLI Continuation-in-part of Ser. No. US 1995-409851, filed on 23 Mar 1995,  
 now abandoned Continuation-in-part of Ser. No. US 1993-122796, filed on  
 16 Sep 1993, now abandoned Continuation-in-part of Ser. No. US  
 1993-12269, filed on 1 Feb 1993  
 DT Utility  
 FS GRANTED  
 LN.CNT 2312  
 INCL INCLM: 424/141.100  
 INCLS: 530/350.000; 530/351.000; 530/388.220; 424/139.100; 424/138.100;

NCL NCLM: 424/141.100  
NCLS: 424/138.100; 424/139.100; 424/144.100; 530/350.000; 530/351.000;  
530/388.220

IC [7]

ICM: A01N037-18

ICS: A61K038-00; A61K039-395

EXF 514/2; 514/12; 424/138.1; 424/144.1; 424/145.1; 424/139.1; 424/141.1;  
530/350; 530/351; 530/388.22; 435/7.21; 435/7.2; 435/7.1; 436/501

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 204 OF 246 USPATFULL on STN

AN 2001:165603 USPATFULL

TI Human dendriac and brainiac-3

IN Ebner, Reinhard, Gaithersburg, MD, United States

Soppet, Daniel R., Centreville, VA, United States

Endress, Gregory A., Potomac, MD, United States

Florence, Kimberly A., Rockville, MD, United States

Yu, Guo-Liang, Berkeley, CA, United States

Ruben, Steven M., Olney, MD, United States

Rosen, Craig A., Laytonsville, MD, United States

PI US 2001024813 A1 20010927 <--

AI US 2000-739451 A1 20001219 (9)

RLI Continuation of Ser. No. US 1998-213364, filed on 17 Dec 1998, ABANDONED

PRAI US 1998-108928P 19981117 (60)

US 1998-77687P 19980312 (60)

US 1997-68006P 19971218 (60)

DT Utility

FS APPLICATION

LN.CNT 6018

INCL INCLM: 435/183.000

INCLS: 435/069.100; 435/325.000; 536/023.200

NCL NCLM: 435/183.000

NCLS: 435/069.100; 435/325.000; 536/023.200

IC [7]

ICM: C12N009-00

ICS: C07H021-04; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 205 OF 246 USPATFULL on STN

AN 2001:152713 USPATFULL

TI Nucleic acid molecules of the protein-coupled heptahelical receptor  
superfamily and uses therefor

IN Graham, Gerard J., Shawlands Glasgow, United Kingdom

Nibbs, Robert J. Benjamin, Glasgow, United Kingdom

Gonzalo, Jose-Angel, Cambridge, MA, United States

Gutierrez-Ramos, Jose-Carlos, Swampscott, MA, United States

PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)

PI US 6287805 B1 20010911 <--

AI US 1998-45583 19980320 (9)

DT Utility

FS GRANTED

LN.CNT 3838

INCL INCLM: 435/069.100

INCLS: 435/325.000; 435/252.300; 435/254.110; 435/320.100; 536/023.500

NCL NCLM: 435/069.100

NCLS: 435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500

IC [7]

ICM: C12P021-04

ICS: C12N015-00; C12N015-09; C12N015-63; C07H021-04

EXF 435/69.1; 435/325; 435/252.3; 435/254.11; 435/320.1; 536/23.5

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 206 OF 246 USPATFULL on STN

AN 2001:142336 USPATFULL

TI Functional characterization of the C-C chemokine-like molecules encoded  
by molluscum contagiosum virus types 1 and 2

IN Fife, Kenneth H., Zionsville, IN, United States

Krathwohl, Michell D., Indianapolis, IN, United States

Hromas, Robert, Indianapolis, IN, United States

Brown, Darron R., Zionsville, IN, United States

Broxmeyer, Hal E., Indianapolis, IN, United States

PA Advanced Research & Technology Institute, Bloomington, IN, United States  
(U.S. corporation)

PI US 6281200 B1 20010828 <--

PRAI US 1997-55532P 19970815 (60)  
DT Utility  
FS GRANTED  
LN.CNT 4138  
INCL INCLM: 514/044.000  
INCLS: 435/320.100; 435/325.000; 435/252.300; 536/023.720  
NCL NCLM: 514/044.000  
NCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.720  
IC [7]  
ICM: C12N015-39  
EXF 536/23.1; 536/23.4; 536/23.72; 435/6; 435/69.1; 435/69.7; 435/320.1;  
435/252.3; 435/325; 514/44  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 207 OF 246 USPATFULL on STN  
AN 2001:131081 USPATFULL  
TI RGS-containing molecules and uses thereof  
IN Hodge, Martin R., Arlington, MA, United States  
Yowe, David, North Quincy, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)  
PI US 6274362 B1 20010814 <--  
AI US 1999-244314 19990204 (9)  
DT Utility  
FS GRANTED  
LN.CNT 2668  
INCL INCLM: 435/196.000  
INCLS: 435/069.100; 435/195.000; 435/252.300; 435/320.100; 435/325.000;  
536/023.100; 536/023.500  
NCL NCLM: 435/196.000  
NCLS: 435/069.100; 435/195.000; 435/252.300; 435/320.100; 435/325.000;  
536/023.100; 536/023.500  
IC [7]  
ICM: C12N009-16  
ICS: C12N009-14; C12N001-20; C12N015-00; C12P021-06  
EXF 435/6; 435/69.1; 435/172.3; 435/252.3; 435/320.1; 435/325; 435/348;  
435/371; 435/183; 435/195; 435/196; 536/23.1; 536/23.5; 536/23.2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 208 OF 246 USPATFULL on STN  
AN 2001:126108 USPATFULL  
TI Eosinophil eotaxin receptor  
IN Daugherty, Bruce L., South Orange, NJ, United States  
Demartino, Julie A., Cranford, NJ, United States  
Siciliano, Salvatore J., East Brunswick, NJ, United States  
Springer, Martin S., Westfield, NJ, United States  
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PI US 6271347 B1 20010807 <--  
AI US 1997-847296 19970424 (8)  
PRAI US 1996-17113P 19960426 (60)  
US 1996-16158P 19960426 (60)  
DT Utility  
FS GRANTED  
LN.CNT 1091  
INCL INCLM: 530/350.000  
INCLS: 435/069.100; 435/070.100; 435/071.100; 435/071.200; 435/252.300;  
435/254.110; 435/320.100; 435/325.000; 435/471.000  
NCL NCLM: 530/350.000  
NCLS: 435/069.100; 435/070.100; 435/071.100; 435/071.200; 435/252.300;  
435/254.110; 435/320.100; 435/325.000; 435/471.000  
IC [7]  
ICM: C07K014-715  
ICS: C12N005-10; C12N015-12; C12N015-64  
EXF 530/350; 435/69.1; 435/70.1; 435/71.1; 435/71.2; 435/172.3; 435/325;  
435/252.3; 435/320.1; 435/254.11; 435/671  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 209 OF 246 USPATFULL on STN  
AN 2001:117039 USPATFULL  
TI Pyrrolidine modulators of chemokine receptor activity  
IN Caldwell, Charles, Scotch Plains, NJ, United States  
Chapman, Kevin T., Scotch Plains, NJ, United States  
Hale, Jeffrey, Westfield, NJ, United States  
Kim, Dooseop, Westfield, NJ, United States  
Lynch, Christopher, Scotch Plains, NJ, United States

Mills, Sander G., Scotch Plains, NJ, United States  
 Rosauer, Keith, Matawan, NJ, United States  
 Willoughby, Christopher, Edison, NJ, United States  
 Berk, Scott, Maplewood, NJ, United States  
 PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
 PI US 6265434 B1 20010724 <--  
 AI US 2000-543024 20000404 (9)  
 PRAI US 1999-128035P 19990406 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 8546  
 INCL INCLM: 514/429.000  
 INCLS: 514/428.000; 514/408.000; 514/315.000; 546/184.000; 546/208.000;  
 546/212.000; 548/400.000  
 NCL NCLM: 514/429.000  
 NCLS: 514/315.000; 514/408.000; 514/428.000; 546/184.000; 546/208.000;  
 546/212.000; 548/400.000  
 IC [7]  
 ICM: A61K031-40  
 ICS: A61K031-445; C07D211-00; C07D409-00; C07D207-00  
 EXF 514/429; 514/428; 514/408; 514/315; 546/184; 546/208; 546/212; 548/400;  
 548/570; 548/577  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 210 OF 246 USPATFULL on STN  
 AN 2001:107865 USPATFULL  
 TI Hybrid polypeptides with enhanced pharmacokinetic properties  
 IN Barney, Shawn, Apex, NC, United States  
 Guthrie, Kelly I., Graham, NC, United States  
 Merutka, Gene, Hillsborough, NC, United States  
 Anwer, Mohamed K., Foster City, CA, United States  
 Lambert, Dennis M., Cary, NC, United States  
 PA Trimeris, Inc., Durham, NC, United States (U.S. corporation)  
 PI US 6258782 B1 20010710 <--  
 AI US 1998-82279 19980520 (9)  
 DT Utility  
 FS GRANTED  
 LN.CNT 2663  
 INCL INCLM: 514/013.000  
 INCLS: 514/002.000; 514/012.000; 514/015.000; 530/300.000; 530/313.000;  
 530/324.000; 530/328.000; 530/350.000  
 NCL NCLM: 514/013.000  
 NCLS: 514/002.000; 514/012.000; 514/015.000; 530/300.000; 530/313.000;  
 530/324.000; 530/328.000; 530/350.000  
 IC [7]  
 ICM: A61K038-16  
 ICS: C07K014-00; C07K014-155  
 EXF 530/300; 530/313; 530/324; 530/326; 530/328; 530/350; 530/397; 530/398;  
 530/399; 514/2; 514/12; 514/13; 514/15  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 211 OF 246 USPATFULL on STN  
 AN 2001:107613 USPATFULL  
 TI Methods of identifying g-coupled receptors associated with  
 macrophage-trophic HIV, and diagnostic and therapeutic uses thereof  
 IN Littman, Dan R., New York, NY, United States  
 Deng, Hongkui, Worcester, MA, United States  
 Ellmeier, Wilfried, New York, NY, United States  
 Landau, Nathaniel R., New York, NY, United States  
 Liu, Rong, New York, NY, United States  
 PA The Aaron Diamond Aids Research Center, New York, NY, United States  
 (U.S. corporation)  
 New York University, New York, NY, United States (U.S. corporation)  
 PI US 6258527 B1 20010710 <--  
 AI US 1997-861105 19970521 (8)  
 RLI Continuation-in-part of Ser. No. US 1997-858660, filed on 19 May 1997,  
 now abandoned  
 PRAI US 1996-17157P 19960520 (60)  
 US 1996-20043P 19960619 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 2295  
 INCL INCLM: 435/005.000  
 INCLS: 435/006.000; 435/007.200; 435/007.240; 435/372.300  
 NCL NCLM: 435/005.000

IC [7]  
ICM: C12Q001-70  
ICS: G01N033-567; C12N005-10  
EXF 435/5; 435/6; 435/7.1; 435/7.2; 435/7.21; 435/7.24; 435/325; 435/366;  
435/372; 435/372.3  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 212 OF 246 USPATFULL on STN  
AN 2001:105021 USPATFULL  
TI COMPOUNDS AND METHODS TO INHIBIT OR AUGMENT AN INFLAMMATORY RESPONSE  
IN GRAINGER, DAVID J., CAMBRIDGE, Great Britain  
TATALICK, LAUREN MARIE, REDMOND, WA, United States  
PI US 2001006640 A1 20010705 <--  
AI US 1997-927939 A1 19970911 (8)  
DT Utility  
FS APPLICATION  
LN.CNT 4174  
INCL INCLM: 424/198.100  
INCLS: 514/044.000; 514/025.000; 514/013.000; 536/023.500; 530/330.000  
NCL NCLM: 424/198.100  
NCLS: 514/044.000; 514/025.000; 514/013.000; 536/023.500; 530/330.000  
IC [7]  
ICM: A61K038-00  
ICS: C07H021-04; A61K031-70; A01N043-04; A61K039-00; C07K005-00;  
C07K007-00; C07K016-00; C07K017-00; A61K038-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 213 OF 246 USPATFULL on STN  
AN 2001:97607 USPATFULL  
TI Alternative G-coupled receptors associated with retroviral entry into  
cells, methods of identifying the same, and diagnostic and therapeutic  
uses thereof  
IN Littman, Dan R., New York, NY, United States  
Deng, Hongkui, Shrewsbury, MA, United States  
Unutmaz, Derya, New York, NY, United States  
Kewalramani, Vineet N., Rockford, IL, United States  
New York University, New York, NY, United States (U.S. corporation)  
PA US 6251582 B1 20010626 <--  
AI US 1998-116498 19980716 (9)  
PRAI US 1997-52827P 19970717 (60)  
DT Utility  
FS GRANTED  
LN.CNT 2128  
INCL INCLM: 435/005.000  
INCLS: 435/003.000; 435/004.000; 435/007.100; 435/007.200; 435/007.210;  
435/008.000  
NCL NCLM: 435/005.000  
NCLS: 435/003.000; 435/004.000; 435/007.100; 435/007.200; 435/007.210;  
435/008.000  
IC [7]  
ICM: C12Q001-70  
ICS: C12Q003-00; C12Q001-00; G01N033-53; G01N033-567  
EXF 435/3; 435/4; 435/5; 435/7.1; 435/7.2; 435/7.21; 435/8  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 214 OF 246 USPATFULL on STN  
AN 2001:93521 USPATFULL  
TI Pyrrolidine modulators of chemokine receptor activity  
IN Chapman, Kevin, Scotch Plains, NJ, United States  
Hale, Jeffrey, Westfield, NJ, United States  
Kim, Dooseop, Westfield, NJ, United States  
Lynch, Christopher, Scotch Plains, NJ, United States  
Shah, Shrenik, Metuchen, NJ, United States  
Shankaran, Kothandaraman, Kendall Park, NJ, United States  
Shen, Dong-Ming, Edison, NJ, United States  
Willoughby, Christopher, Clark, NJ, United States  
MacCoss, Malcolm, Freehold, NJ, United States  
Mills, Sander G., Scotch Plains, NJ, United States  
Loebach, Jennifer L., Westfield, NJ, United States  
Guthikonda, Ravindra N., Edison, NJ, United States  
Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PA US 6248755 B1 20010619 <--  
AI US 2000-542617 20000404 (9)  
PRAI US 1999-128033P 19990406 (60)  
DT Utility

LN.CNT 9773

INCL INCLM: 514/320.000  
INCLS: 514/252.130; 514/253.040; 514/253.090; 514/253.010; 514/254.040;  
514/254.050; 514/254.010; 514/299.000; 514/321.000; 514/326.000;  
514/333.000; 514/337.000; 514/362.000; 514/364.000; 514/366.000;  
514/372.000; 514/373.000; 514/374.000; 546/256.000; 546/268.400;  
546/276.400; 546/193.000; 546/198.000; 546/200.000; 546/201.000;  
546/208.000; 546/209.000; 546/112.000  
NCL NCLM: 514/320.000  
NCLS: 514/252.130; 514/253.010; 514/253.040; 514/253.090; 514/254.010;  
514/254.040; 514/254.050; 514/299.000; 514/321.000; 514/326.000;  
514/333.000; 514/337.000; 514/362.000; 514/364.000; 514/366.000;  
514/372.000; 514/373.000; 514/374.000; 546/112.000; 546/193.000;  
546/198.000; 546/200.000; 546/201.000; 546/208.000; 546/209.000;  
546/256.000; 546/268.400; 546/276.400

IC [7]

ICM: A61K031-50

ICS: A61K031-44; C07D411-00; C07D221-02; C07D211-68

EXF 514/252.13; 514/253.04; 514/253.09; 514/253.01; 514/299; 514/321;  
514/318; 514/320; 514/326; 514/333; 514/337; 514/343; 544/362; 544/364;  
544/366; 544/372; 544/373; 544/374; 546/112; 546/193; 546/198; 546/200;  
546/201; 546/209; 546/208; 546/256; 546/268.4; 546/276.4

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 215 OF 246 USPATFULL on STN

AN 2001:86036 USPATFULL

TI Modulation of systemic memory T cell trafficking

IN Butcher, Eugene C., Portola Valley, CA, United States

Campbell, James J., Palo Alto, CA, United States

Wu, Lijun, Reading, MA, United States

Rottman, James B., Sudbury, MA, United States

PA The Board of Trustees of the Leland Stanford Junior University, Palo  
Alto, CA, United States (U.S. corporation)

LeukoSite, Inc., Cambridge, MA, United States (U.S. corporation)

PI US 6245332 B1 20010612 <--

AI US 1999-232878 19990115 (9)

DT Utility

FS GRANTED

LN.CNT 1164

INCL INCLM: 424/184.100  
INCLS: 424/085.100; 424/130.100; 424/139.100; 424/141.100; 424/145.100;  
514/001.000; 514/002.000; 514/012.000

NCL NCLM: 424/184.100  
NCLS: 424/085.100; 424/130.100; 424/139.100; 424/141.100; 424/145.100;  
514/001.000; 514/002.000; 514/012.000

IC [7]

ICM: A61K039-38

ICS: A61K039-395; A61K038-00; A61K045-00; G01N033-53

EXF 435/7.1; 435/7.24; 424/130.1; 424/139.1; 424/141.1; 424/145.1;  
424/184.1; 424/85.1; 514/1; 514/2; 514/12

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 216 OF 246 USPATFULL on STN

AN 2001:71319 USPATFULL

TI Platelet factor-4 receptor assay

IN MacPhee, Colin Houston, Letchworth, United Kingdom

Moore, Kitty, Stevenage, United Kingdom

Berkhout, Theodorus Antonius, Hertford, United Kingdom

PA SmithKline Beecham plc, United Kingdom (non-U.S. corporation)

PI US 6232084 B1 20010515 <--

AI US 1999-275384 19990324 (9)

PRAI GB 1998-6677 19980327

DT Utility

FS Granted

LN.CNT 826

INCL INCLM: 435/007.100  
INCLS: 436/501.000; 435/007.200

NCL NCLM: 435/007.100  
NCLS: 435/007.200; 436/501.000

IC [7]

ICM: G01N033-53

EXF 435/7.1; 435/7.2; 436/501; 530/388.22

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 217 OF 246 USPATFULL on STN

TI Isothermal transcription based assay for the detection and  
 quantification of chemokines rantes, MIP-1.alpha. and MIP-1.beta.  
 IN Romano, Joseph W., Derwood, MD, United States  
 Shurtliff, Roxanne, Herndon, VA, United States  
 Williams, Kimberly G., Falls Church, VA, United States  
 PA Akzo Nobel N.V., Arnhem, Nepal (non-U.S. corporation)  
 PI US 6218154 B1 20010417 <--  
 AI US 1999-356281 19990716 (9)  
 RLI Division of Ser. No. US 1998-10641, filed on 22 Jan 1998, now patented,  
 Pat. No. US 6121023  
 DT Utility  
 FS Granted  
 LN.CNT 901  
 INCL INCLM: 435/091.200  
 INCLS: 435/006.000; 435/091.100; 536/022.100; 536/023.100; 536/024.300;  
 536/024.310; 536/024.320; 536/024.330  
 NCL NCLM: 435/091.200  
 NCLS: 435/006.000; 435/091.100; 536/022.100; 536/023.100; 536/024.300;  
 536/024.310; 536/024.320; 536/024.330  
 IC [7]  
 ICM: C12P019-34  
 EXF 935/6; 935/91.1; 935/91.2; 530/22.1; 530/23.1; 530/24.3; 530/24.31;  
 530/24.36; 530/24.33  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 218 OF 246 USPATFULL on STN  
 AN 2001:18682 USPATFULL  
 TI Transgenic mice expressing HIV-1 in immune cells  
 IN Jolicoeur, Paul, Outremont, Canada  
 Hanna, Zaher, Brossard, Canada  
 Kay, Denis G., Ile Perrot, Canada  
 PA Institut de Recherches Cliniques de Montreal, Montreal, Canada (non-U.S.  
 corporation)  
 PI US 6184436 B1 20010206 <--  
 AI US 1999-432223 19991103 (9)  
 RLI Continuation of Ser. No. WO 1998-CA434, filed on 5 May 1998  
 PRAI CA 1997-2204572 19970506  
 DT Utility  
 FS Granted  
 LN.CNT 1659  
 INCL INCLM: 800/018.000  
 INCLS: 800/001.000; 800/003.000; 800/008.000; 514/044.000  
 NCL NCLM: 800/018.000  
 NCLS: 514/044.000; 800/003.000; 800/008.000; 800/011.000  
 IC [7]  
 ICM: A01K067-00  
 ICS: A01K067-033; A01K067-027; G01N033-00  
 EXF 800/18; 800/8; 800/3; 800/1; 514/44; 514/1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 219 OF 246 USPATFULL on STN  
 AN 2001:18604 USPATFULL  
 TI IP-10/Mig receptor designated CXCR3, antibodies, nucleic acids, and  
 methods of use therefor  
 IN Loetscher, Marcel, Koeniz, Switzerland  
 Moser, Bernhard, Stettlen, Switzerland  
 Qin, Shixin, Lexington, MA, United States  
 Mackay, Charles R., Watertown, MA, United States  
 PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
 corporation)  
 Theodor-Kocher Institute, Bern, Switzerland (non-U.S. corporation)  
 PI US 6184358 B1 20010206 <--  
 AI US 1997-829839 19970331 (8)  
 RLI Continuation-in-part of Ser. No. US 1996-709838, filed on 10 Sep 1996  
 DT Utility  
 FS Granted  
 LN.CNT 3172  
 INCL INCLM: 530/388.220  
 INCLS: 530/387.100; 530/387.900; 530/388.100; 435/326.000; 435/007.100  
 NCL NCLM: 530/388.220  
 NCLS: 435/007.100; 435/326.000; 530/387.100; 530/387.900; 530/388.100  
 IC [7]  
 ICM: C07K016-00  
 ICS: C12N005-12  
 EXF 530/387.9; 530/388.1; 530/388.22; 530/387.1; 435/7.1; 435/326

L4 ANSWER 220 OF 246 USPATFULL on STN  
 AN 2001:1472 USPATFULL  
 TI N-terminal modifications of RANTES and methods of use  
 IN Offord, Robin E., Bernex, Switzerland  
 Thompson, Darren, Santa Cruz, CA, United States  
 Wilken, Jill, San Francisco, CA, United States  
 PA Gryphon Sciences, South San Francisco, CA, United States (U.S. corporation)  
 PI US 6168784 B1 20010102 <--  
 AI US 1998-141833 19980828 (9)  
 DT Utility  
 FS Granted  
 LN.CNT 1679  
 INCL INCLM: 424/085.100  
 INCLS: 514/002.000; 514/012.000; 536/300.000; 536/324.000  
 NCL NCLM: 424/085.100  
 NCLS: 514/002.000; 514/012.000; 530/300.000; 530/324.000  
 IC [7]  
 ICM: A61K038-19  
 ICS: C07K014-52  
 EXF 514/2; 514/12; 530/300; 530/324; 424/85.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 221 OF 246 USPATFULL on STN  
 AN 2000:174663 USPATFULL  
 TI Pyrrolidine and piperidine modulators of chemokine receptor activity  
 IN Budhu, Richard J., Monmouth Junction, NJ, United States  
 Holson, Edward, New York, NY, United States  
 Hale, Jeffrey J., Westfield, NJ, United States  
 Lynch, Christopher, Scotch Plains, NJ, United States  
 Maccoss, Malcolm, Freehold, NJ, United States  
 Berk, Scott C., Maplewood, NJ, United States  
 Mills, Sander G., Scotch Plains, NJ, United States  
 Willoughby, Christopher A., Clark, NJ, United States  
 PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
 PI US 6166037 20001226 <--  
 AI US 1998-141227 19980827 (9)  
 PRAI US 1997-57743P 19970828 (60)  
 DT Utility  
 FS Granted  
 LN.CNT 4273  
 INCL INCLM: 514/326.000  
 INCLS: 514/212.000; 514/213.000; 514/255.000; 514/278.000; 514/307.000;  
 514/316.000; 540/595.000; 540/602.000; 544/372.000; 546/018.000;  
 546/148.000; 546/186.000; 546/187.000; 546/191.000; 546/208.000  
 NCL NCLM: 514/326.000  
 NCLS: 514/217.010; 514/217.080; 514/278.000; 514/307.000; 514/316.000;  
 540/595.000; 540/602.000; 544/372.000; 546/018.000; 546/148.000;  
 546/186.000; 546/187.000; 546/191.000; 546/208.000  
 IC [7]  
 ICM: A61K031-445  
 ICS: C07D401-06  
 EXF 540/595; 540/602; 544/372; 546/18; 546/148; 546/186; 546/187; 546/191;  
 546/208; 514/212; 514/213; 514/255; 514/278; 514/307; 514/316; 514/326  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 222 OF 246 USPATFULL on STN  
 AN 2000:164708 USPATFULL  
 TI HIV transgenic animals and uses therefor  
 IN Bryant, Joseph L., Rockville, MD, United States  
 Reid, William C., Frederick, MD, United States  
 Davis, Jr., Harry G., Woodbine, MD, United States  
 PA Constituent Institution of the University of Maryland System, Baltimore, MD, United States (U.S. corporation)  
 PI US 6156952 20001205 <--  
 AI US 1998-58113 19980409 (9)  
 DT Utility  
 FS Granted  
 LN.CNT 1735  
 INCL INCLM: 800/011.000  
 INCLS: 800/009.000; 800/014.000; 800/021.000; 800/003.000  
 NCL NCLM: 800/011.000  
 NCLS: 800/003.000; 800/009.000; 800/014.000; 800/021.000  
 IC [7]



ICS: A01K067-03; C12N015-00; G01N033-00  
EXF 800/8; 800/3; 800/2; 800/21; 800/25; 800/11; 800/14; 435/320.1; 435/325;  
435/375; 424/9.1

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 223 OF 246 USPATFULL on STN  
AN 2000:160838 USPATFULL  
TI Methods of screening for agonists and antagonists for human CCR7  
receptor and CK.beta.-9 ligand and interaction thereof  
IN Appelbaum, Edward R., Blue Bell, PA, United States  
Sarau, Henry M., Harleysville, PA, United States  
White, John R., Coatesville, PA, United States  
PA SmithKline Beecham Corporation, Philadelphia, PA, United States (U.S.  
corporation)  
PI US 6153441 20001128 <--  
AI US 1999-251545 19990217 (9)  
PRAI US 1998-74883P 19980217 (60)  
DT Utility  
FS Granted  
LN.CNT 1291  
INCL INCLM: 436/501.000  
INCLS: 435/007.100; 435/007.200; 435/007.210; 435/069.100; 435/069.500  
NCL NCLM: 436/501.000  
NCLS: 435/007.100; 435/007.200; 435/007.210; 435/069.100; 435/069.500  
IC [7]  
ICM: G01N033-566  
ICS: G01N033-53; G01N033-567; C12P021-06; C12P021-02  
EXF 436/501; 436/6; 435/7.1; 435/69.1; 435/69.5; 435/7.2; 435/7.21  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 224 OF 246 USPATFULL on STN  
AN 2000:146395 USPATFULL  
TI Cyclic amine modulators of chemokine receptor activity  
IN Caldwell, Charles G., Scotch Plains, NJ, United States  
Maccoss, Malcolm, Freehold, NJ, United States  
Finke, Paul E., Milltown, NJ, United States  
Mills, Sander G., Scotch Plains, NJ, United States  
Oates, Bryan, Wayne, NJ, United States  
Kothandaraman, Shankaran, Kendall Park, NJ, United States  
Kim, Dooseop, Westfield, NJ, United States  
Wang, Liping, Plainsboro, NJ, United States  
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PI US 6140349 20001031 <--  
AI US 1999-241486 19990201 (9)  
PRAI US 1998-73446P 19980202 (60)  
DT Utility  
FS Granted  
LN.CNT 3199  
INCL INCLM: 514/326.000  
INCLS: 514/322.000; 514/329.000; 546/199.000; 546/210.000; 546/212.000;  
546/213.000; 546/214.000; 546/224.000  
NCL NCLM: 514/326.000  
NCLS: 514/322.000; 514/329.000; 546/199.000; 546/210.000; 546/212.000;  
546/213.000; 546/214.000; 546/224.000  
IC [7]  
ICM: A61K031-445  
ICS: C07D409-10  
EXF 514/322; 514/326; 514/329; 546/199; 546/210; 546/212; 546/213; 546/214;  
546/224  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 225 OF 246 USPATFULL on STN  
AN 2000:142393 USPATFULL  
TI Cyclic amine modulations of chemokine receptor activity  
IN Caldwell, Charles G., Scotch Plains, NJ, United States  
Finke, Paul E., Milltown, NJ, United States  
Maccoss, Malcolm, Freehold, NJ, United States  
Meurer, Laura C., Scotch Plains, NJ, United States  
Mills, Sander G., Scotch Plains, NJ, United States  
Oates, Bryan, Wayne, NJ, United States  
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PI US 6136827 20001024 <--  
AI US 1998-120010 19980721 (9)  
PRAI US 1997-53754P 19970725 (60)  
DT Utility

LN.CNT 3161  
INCL INCLM: 514/329.000  
INCLS: 544/188.000; 544/193.000; 544/194.000; 544/199.000; 544/201.000;  
544/207.000; 544/208.000; 544/209.000; 544/214.000; 544/217.000;  
544/221.000; 544/223.000; 544/225.000; 544/228.000; 544/229.000;  
544/231.000; 544/234.000; 544/331.000; 544/336.000; 544/405.000;  
544/408.000; 544/409.000; 514/252.000; 514/255.000; 514/318.000;  
514/319.000; 514/322.000; 514/323.000; 514/324.000; 514/327.000;  
514/330.000; 514/331.000  
NCL NCLM: 514/329.000  
NCLS: 514/255.050; 514/318.000; 514/319.000; 514/322.000; 514/323.000;  
514/324.000; 514/327.000; 514/330.000; 514/331.000; 544/188.000;  
544/193.000; 544/194.000; 544/199.000; 544/201.000; 544/207.000;  
544/208.000; 544/209.000; 544/214.000; 544/217.000; 544/221.000;  
544/223.000; 544/225.000; 544/228.000; 544/229.000; 544/231.000;  
544/234.000; 544/331.000; 544/336.000; 544/405.000; 544/408.000;  
544/409.000

IC [7]  
ICM: A61K031-445  
ICS: C07D211-56  
EXF 546/188; 546/193; 546/194; 546/199; 546/201; 546/207; 546/208; 546/209;  
546/214; 546/217; 546/221; 546/223; 546/225; 546/228; 546/229; 546/231;  
546/234; 546/331; 514/252; 514/255; 514/318; 514/319; 514/322; 514/323;  
514/324; 514/327; 514/329; 514/330; 514/331; 544/336; 544/405; 544/408;  
544/409

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 226 OF 246 USPATFULL on STN  
AN 2000:128351 USPATFULL  
TI 3,3-disubstituted piperidines as modulators of chemokine receptor  
activity  
IN MacCoss, Malcolm, Freehold, NJ, United States  
Mills, Sander G., Scotch Plains, NJ, United States  
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PI US 6124319 20000926 <--  
AI US 1998-9488 19980120 (9)  
DT Utility  
FS Granted

LN.CNT 1901  
INCL INCLM: 514/318.000  
INCLS: 514/210.000; 514/385.000; 514/256.000; 514/422.000; 514/212.010;  
514/218.000  
NCL NCLM: 514/318.000  
NCLS: 514/210.200; 514/212.010; 514/218.000; 514/256.000; 514/385.000;  
514/422.000

IC [7]  
ICM: A61K031-395  
ICS: A61K031-415; A61K031-505; A61K031-40; A61K031-55  
EXF 514/210; 514/385; 514/256; 514/422; 514/318; 514/212.01; 514/218  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 227 OF 246 USPATFULL on STN  
AN 2000:124801 USPATFULL  
TI Isothermal transcription based assay for the detection and  
quantification of the chemokine rantes  
IN Romano, Joseph W., Derwood, MD, United States  
Shurtliff, Roxanne, Herndon, VA, United States  
Williams, Kimberly G., Falls Church, VA, United States  
PA Akzo Nobel N.V., Arnhem, Netherlands (non-U.S. corporation)  
PI US 6121023 20000919 <--  
AI US 1998-10641 19980122 (9)  
DT Utility  
FS Granted

LN.CNT 1221  
INCL INCLM: 435/091.210  
INCLS: 435/006.000; 435/091.100; 435/091.200; 536/024.300; 536/024.310;  
536/024.330  
NCL NCLM: 435/091.210  
NCLS: 435/006.000; 435/091.100; 435/091.200; 536/024.300; 536/024.310;  
536/024.330

IC [7]  
ICM: C12P019-34  
ICS: C12Q001-68; C07H021-04  
EXF 435/6; 435/91.1; 435/91.2; 435/91.21; 536/24.3; 536/24.31; 536/24.33  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 228 OF 246 USPATFULL on STN  
 AN 2000:91543 USPATFULL  
 TI Peptide composition for prevention and treatment of HIV infection and immune disorders  
 IN Wang, Chang Yi, Cold Spring Harbor, NY, United States  
 PA United Biomedical Inc., Hauppauge, NY, United States (U.S. corporation)  
 PI US 6090388 20000718 <--  
 AI US 1998-100409 19980620 (9)  
 DT Utility  
 FS Granted  
 LN.CNT 3077  
 INCL INCLM: 424/185.100  
 INCLS: 424/186.100; 424/189.100; 424/194.100; 424/236.100; 530/300.000; 530/323.000; 530/324.000; 530/326.000  
 NCL NCLM: 424/185.100  
 NCLS: 424/186.100; 424/189.100; 424/194.100; 424/236.100; 530/300.000; 530/323.000; 530/324.000; 530/326.000  
 IC [7]  
 ICM: A61K039-00  
 ICS: A61K039-12; A61K039-385; A61K039-02; A61K038-00  
 EXF 530/300; 530/323; 530/326; 530/324; 424/189.1; 424/194.1; 424/185.1; 424/236.1; 424/186.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 229 OF 246 USPATFULL on STN  
 AN 2000:70673 USPATFULL  
 TI Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes  
 IN Holzmayer, Tanya A., Mountain View, CA, United States  
 Dunn, Stephen J., Mountain View, CA, United States  
 Dayn, Andrew, Mountain View, CA, United States  
 PA Subsidiary No. 3, Inc., Wilmington, NC, United States (U.S. corporation)  
 PI US 6071743 20000606 <--  
 AI US 1997-867314 19970602 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 1860  
 INCL INCLM: 435/325.000  
 INCLS: 435/320.100; 435/366.000; 536/023.100; 536/024.500  
 NCL NCLM: 435/325.000  
 NCLS: 435/320.100; 435/366.000; 536/023.100; 536/024.500  
 IC [7]  
 ICM: C12N015-85  
 ICS: C12N015-63; C07H021-04  
 EXF 435/6; 435/91.1; 435/320.1; 435/325; 435/366; 536/23.1; 536/24.31; 536/24.5; 514/44  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 230 OF 246 USPATFULL on STN  
 AN 2000:31414 USPATFULL  
 TI Synthesis and use of thiophene- and pyrrole-based heteroaromatic compounds  
 IN Castelhano, Arlindo L., New City, NY, United States  
 McKibben, Bryan, White Plains, NY, United States  
 PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S. corporation)  
 PI US 6037340 20000314 <--  
 AI US 1997-864240 19970528 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 1896  
 INCL INCLM: 514/183.000  
 INCLS: 514/342.000; 514/422.000; 514/443.000; 514/447.000; 540/480.000; 540/596.000; 546/280.400; 548/527.000; 548/950.000; 548/962.000; 549/050.000; 549/068.000; 549/069.000  
 NCL NCLM: 514/183.000  
 NCLS: 514/342.000; 514/422.000; 514/443.000; 514/447.000; 540/480.000; 540/596.000; 546/280.400; 548/527.000; 548/950.000; 548/962.000; 549/050.000; 549/068.000; 549/069.000  
 IC [7]  
 ICM: A61K031-38  
 ICS: A61K031-40; A61K031-435; C07D205-02  
 EXF 514/443; 514/447; 549/68; 549/69; 549/50  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AN 2000:4806 USPATFULL  
 TI Spiro-substituted azacycles as modulators of chemokine receptor activity  
 IN Mills, Sander G., Scotch Plains, NJ, United States  
 Maccoss, Malcolm, Freehold, NJ, United States  
 Springer, Martin S., Westfield, NJ, United States  
 PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
 PI US 6013644 20000111 <--  
 AI US 1997-989940 19971212 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 2845  
 INCL INCLM: 514/210.000  
 INCLS: 514/212.000; 514/222.200; 514/227.800; 514/228.200; 514/228.800;  
 514/230.500; 514/241.000; 514/252.000; 514/278.000; 514/361.000;  
 514/362.000; 514/363.000; 514/364.000; 514/365.000; 514/374.000;  
 514/381.000; 514/382.000; 514/393.000; 514/394.000; 514/397.000;  
 514/406.000; 514/409.000  
 NCL NCLM: 514/210.160  
 NCLS: 514/212.020; 514/222.200; 514/227.800; 514/228.200; 514/228.800;  
 514/230.500; 514/241.000; 514/252.020; 514/252.040; 514/252.110;  
 514/252.150; 514/253.010; 514/254.010; 514/255.050; 514/278.000;  
 514/361.000; 514/362.000; 514/363.000; 514/364.000; 514/365.000;  
 514/374.000; 514/381.000; 514/382.000; 514/393.000; 514/394.000;  
 514/397.000; 514/406.000; 514/409.000  
 IC [6]  
 ICM: A61K031-435  
 ICS: A61K031-54; A61K031-40; A61K031-425  
 EXF 514/210; 514/212; 514/222.2; 514/227.8; 514/228.2; 514/228.8; 514/230.5;  
 514/241; 514/252; 514/278; 514/361; 514/362; 514/363; 514/364; 514/365;  
 514/374; 514/381; 514/382; 514/393; 514/394; 514/397; 514/406; 514/409  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 232 OF 246 USPATFULL on STN  
 AN 1999:155898 USPATFULL  
 TI Antibodies directed against cellular coreceptors for human  
 immunodeficiency virus and methods of using the same  
 IN Hoxie, James A., Berwyn, PA, United States  
 PA Trustees of the University of Pennsylvania, Philadelphia, PA, United  
 States (U.S. corporation)  
 PI US 5994515 19991130 <--  
 AI US 1997-882435 19970625 (8)  
 PRAI US 1996-20396P 19960627 (60)  
 DT Utility  
 FS Granted  
 LN.CNT 1670  
 INCL INCLM: 530/388.220  
 INCLS: 530/387.100; 530/389.100; 424/143.100; 424/144.100  
 NCL NCLM: 530/388.220  
 NCLS: 424/143.100; 424/144.100; 530/387.100; 530/389.100  
 IC [6]  
 ICM: C07K016-28  
 EXF 530/387.1; 530/388.1; 530/388.15; 530/388.21; 530/388.22; 530/388.3;  
 530/388.35; 530/389.1; 424/131.1; 424/137.1; 424/141.1; 424/142.1;  
 424/143.1; 424/144.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 233 OF 246 USPATFULL on STN  
 AN 1999:125033 USPATFULL  
 TI Disaggregated mutant human RANTES  
 IN Czaplewski, Lloyd George, Oxford, United Kingdom  
 Hunter, Michael George, Oxford, United Kingdom  
 Edwards, Richard Mark, Oxford, United Kingdom  
 Dawson, Keith Martyn, Oxford, United Kingdom  
 PA British Biotech Pharmaceuticals Limited, Oxford, United Kingdom  
 (non-U.S. corporation)  
 PI US 5965697 19991012 <--  
 AI US 1997-936387 19970925 (8)  
 PRAI US 1996-26920P 19960925 (60)  
 DT Utility  
 FS Granted  
 LN.CNT 1755  
 INCL INCLM: 530/324.000  
 INCLS: 530/412.000; 435/069.500; 435/071.100; 435/071.200; 435/471.000;  
 435/325.000; 435/252.300; 435/320.100  
 NCL NCLM: 530/324.000

435/325.000; 435/471.000; 530/412.000

IC [6]  
 ICM: C07K014-52  
 ICS: C12N015-19; C12N015-63; C12N005-10

EXF 530/351; 530/300; 530/324; 530/412; 435/69.5; 435/71.1; 435/71.2;  
 435/471; 435/325; 435/252.3; 435/320.1

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 234 OF 246 USPATFULL on STN  
 AN 1999:121364 USPATFULL  
 TI Spiro-substituted azacycles as modulators of chemokine receptor activity  
 IN Mills, Sander G., Scotch Plains, NJ, United States  
 Maccoss, Malcolm, Freehold, NJ, United States  
 Springer, Martin S., Westfield, NJ, United States  
 PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
 PI US 5962462 19991005 <--  
 AI US 1997-989947 19971212 (8)  
 PRAI US 1996-32735P 19961213 (60)  
 US 1996-33558P 19961220 (60)  
 DT Utility  
 FS Granted  
 LN.CNT 6786  
 INCL INCLM: 514/278.000  
 INCLS: 514/277.000; 546/015.000; 546/016.000; 546/017.000; 546/018.000  
 NCL NCLM: 514/278.000  
 NCLS: 514/277.000; 546/015.000; 546/016.000; 546/017.000; 546/018.000

IC [6]  
 ICM: A61K031-44  
 ICS: A61K031-435; C07D209-54; C07D209-56

EXF 546/17; 546/18; 514/278

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 235 OF 246 USPATFULL on STN  
 AN 1999:106462 USPATFULL  
 TI Piperidinylnpyrimidine derivatives  
 IN Fujiwara, Norio, Yao, Japan  
 Ueda, Yutaka, Ibaraki, Japan  
 Murata, Shinobu, Toyonaka, Japan  
 Hirota, Fumiyo, Nishinomiya, Japan  
 Kawakami, Hajime, Nishinomiya, Japan  
 Fujita, Hitoshi, Nishinomiya, Japan  
 PA Sumitomo Pharmaceuticals Company, Limited, Osaka, Japan (non-U.S. corporation)  
 PI US 5948786 19990907 <--  
 AI US 1998-69085 19980429 (9)  
 RLI Continuation-in-part of Ser. No. US 1997-911001, filed on 14 Aug 1997  
 which is a continuation-in-part of Ser. No. US 1997-837453, filed on 18  
 Apr 1997, now abandoned which is a continuation-in-part of Ser. No. US  
 1996-722548, filed on 27 Sep 1996, now abandoned  
 PRAI JP 1996-115556 19960412  
 DT Utility  
 FS Granted  
 LN.CNT 3503  
 INCL INCLM: 514/274.000  
 INCLS: 514/275.000; 544/330.000; 544/331.000; 544/332.000; 544/316.000  
 NCL NCLM: 514/274.000  
 NCLS: 514/275.000; 544/316.000; 544/330.000; 544/331.000; 544/332.000

IC [6]  
 ICM: A61K031-505  
 ICS: C07D405-14; C07D239-02; C07D401-00

EXF 544/316; 544/330; 544/331; 544/332; 514/274; 514/275

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 236 OF 246 USPATFULL on STN  
 AN 1999:89279 USPATFULL  
 TI Macrophage derived chemokine and chemokine analogs  
 IN Godiska, Ronald, Bothell, WA, United States  
 Gray, Patrick W., Seattle, WA, United States  
 PA ICOS Corporation, Bothell, WA, United States (U.S. corporation)  
 PI US 5932703 19990803 <--  
 AI US 1996-660542 19960607 (8)  
 RLI Continuation-in-part of Ser. No. US 1995-558658, filed on 16 Nov 1995  
 which is a continuation-in-part of Ser. No. US 1995-479620, filed on 7  
 Jun 1995  
 DT Utility

LN.CNT 2745  
INCL INCLM: 530/351.000  
INCLS: 530/324.000; 930/140.000; 424/085.100  
NCL NCLM: 530/351.000  
NCLS: 424/085.100; 530/324.000; 930/140.000  
IC [6]  
ICM: C07K014-52  
ICS: A61K038-19  
EXF 530/351; 530/324; 930/140; 424/85.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 237 OF 246 USPATFULL on STN  
AN 1999:75632 USPATFULL  
TI Substituted aminoquinolines as modulators of chemokine receptor activity  
IN Hagmann, William K., Westfield, NJ, United States  
Springer, Martin S., Westfield, NJ, United States  
PA Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)  
PI US 5919776 19990706 <--  
AI US 1997-993494 19971218 (8)  
DT Utility  
FS Granted  
LN.CNT 1808  
INCL INCLM: 514/159.000  
INCLS: 514/160.000; 514/161.000; 514/162.000; 514/163.000; 514/167.000  
NCL NCLM: 514/159.000  
NCLS: 514/160.000; 514/161.000; 514/162.000; 514/163.000; 514/167.000  
IC [6]  
ICM: A61K031-47  
ICS: A61K031-475; A61K031-49  
EXF 514/159; 514/160; 514/161; 514/162; 514/163; 514/167  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 238 OF 246 USPATFULL on STN  
AN 1998:162655 USPATFULL  
TI Kaposi's sarcoma-associated herpesvirus (KSHV) interleukin 6 (IL-6) and  
uses thereof  
IN Chang, Yuan, New York, NY, United States  
Bohenzky, Roy A., Mountain View, CA, United States  
Russo, James J., New York, NY, United States  
Edelman, Isidore S., New York, NY, United States  
Moore, Patrick S., New York, NY, United States  
PA The Trustees of Columbia University in the City of New York, New York,  
NY, United States (U.S. corporation)  
PI US 5854398 19981229 <--  
AI US 1996-748640 19961113 (8)  
RLI Continuation-in-part of Ser. No. US 1996-686349, filed on 25 Jul 1996  
DT Utility  
FS Granted  
LN.CNT 4965  
INCL INCLM: 530/387.100  
INCLS: 424/141.100; 424/147.100; 424/159.100; 424/186.100; 424/229.100;  
435/007.100; 435/069.300; 436/548.000; 530/388.100; 530/388.300;  
530/389.100; 536/023.720  
NCL NCLM: 530/387.100  
NCLS: 424/141.100; 424/147.100; 424/159.100; 424/186.100; 424/229.100;  
435/007.100; 435/069.300; 436/548.000; 530/388.100; 530/388.300;  
530/389.100; 536/023.720  
IC [6]  
ICM: C07K016-08  
ICS: A61K039-245; G01N033-50; C07H021-04  
EXF 424/141.1; 424/147.1; 424/159.1; 424/186.1; 424/229.1; 435/7.1;  
435/69.3; 436/548; 530/387.1-388.1; 530/388.3; 530/389.1; 536/23.72  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 239 OF 246 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2002-055316 [07] WPIDS  
DNN N2002-040789 DNC C2002-015787  
TI New artificial antigen presenting cell, useful for modulating T cell  
response for treating allergies and cancers, comprises liposome, major  
histocompatibility complex, antigen and accessory molecule components.  
DC B04 D16 S03  
IN ALBANI, S  
PA (ALBA-I) ALBANI S  
CYC 90  
PI WO 2001080833 A1 20011101 (200207)\* EN 185 A61K009-127 <--

OA PT SD SE SL SZ TZ UG ZW  
 W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES  
 FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
 LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
 TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

ADT AU 2000043137 A 20011107 (200219) A61K009-127 <--  
 WO 2001080833 A1 WO 2000-IT161 20000420; AU 2000043137 A AU 2000-43137  
 20000420, WO 2000-IT161 20000420

FDT AU 2000043137 A Based on WO 2001080833

PRAI WO 2000-IT161 20000420

IC ICM A61K009-127  
 ICS A61K047-48; C07K014-705; G01N033-569

L4 ANSWER 240 OF 246 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN 2002-010699 [01] WPIDS  
 DNC C2002-002581

TI Increasing antigen-specific cytotoxic T lymphocyte activity in a CD4+ T  
 cell deficient individual, useful to treat immunodeficiency and block HIV  
 infection, comprises administering immunostimulatory nucleic acid.

DC B04 D16  
 IN CHO, H J; HORNER, A A; RAZ, E; RICHMAN, D; RICHMAN, D D  
 PA (VETE-N) DEPT VETERANS AFFAIRS; (REGC) UNIV CALIFORNIA; (CHOH-I) CHO H J;  
 (HORN-I) HORNER A A; (RAZE-I) RAZ E; (RICH-I) RICHMAN D; (USGO) US DEPT  
 VETERANS AFFAIRS

CYC 96

PI WO 2001072123 A1 20011004 (200201)\* EN 47 A01N043-04 <--  
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ  
 NL OA PT SD SE SL SZ TR TZ UG ZW  
 W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
 LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
 SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

AU 2001049609 A 20011008 (200208) A01N043-04 <--  
 US 2002142977 A1 20021003 (200267) A61K048-00  
 EP 1267618 A1 20030102 (200310) EN A01N043-04  
 R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
 RO SE SI TR

US 6534062 B2 20030318 (200322) A61K039-385  
 US 2003143213 A1 20030731 (200354) A61K048-00  
 US 2003147870 A1 20030807 (200358) A61K048-00

ADT WO 2001072123 A1 WO 2001-US10118 20010328; AU 2001049609 A AU 2001-49609  
 20010328; US 2002142977 A1 Provisional US 2000-192537P 20000328,  
 Provisional US 2000-203567P 20000511, Provisional US 2000-215895P  
 20000705, US 2001-820484 20010328; EP 1267618 A1 EP 2001-922852 20010328,  
 WO 2001-US10118 20010328; US 6534062 B2 Provisional US 2000-192537P  
 20000328, Provisional US 2000-203567P 20000511, Provisional US  
 2000-215895P 20000705, US 2001-820484 20010328; US 2003143213 A1  
 Provisional US 2000-192537P 20000328, Provisional US 2000-203567P  
 20000511, Provisional US 2000-215895P 20000705, Div ex US 2001-820484  
 20010328, US 2003-340275 20030110; US 2003147870 A1 Provisional US  
 2000-192537P 20000328, Provisional US 2000-203567P 20000511, Provisional  
 US 2000-215895P 20000705, Cont of US 2001-820484 20010328, US 2003-339885  
 20030110

FDT AU 2001049609 A Based on WO 2001072123; EP 1267618 A1 Based on WO  
 2001072123; US 2003143213 A1 Div ex US 6534062; US 2003147870 A1 Cont of  
 US 6534062

PRAI US 2000-215895P 20000705; US 2000-192537P 20000328;  
 US 2000-203567P 20000511; US 2001-820484 20010328;  
 US 2003-340275 20030110; US 2003-339885 20030110

IC ICM A01N043-04; A61K039-385; A61K048-00  
 ICS A61K031-70; C07H021-04; C12N005-00; C12N015-85; C12Q001-68

L4 ANSWER 241 OF 246 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
 AN 2001-626098 [72] WPIDS  
 DNC C2001-186482

TI Immunogenic composition for inhibiting HIV infection, comprises viral  
 envelope protein or its fragment exterior to viral membrane, a stabilizing  
 peptide, and, optionally, viral cell surface receptor or its fragment.

DC B04 D16  
 IN ALLAWAY, G P; WILD, C T  
 PA (PANA-N) PANACOS PHARM INC; (ALLA-I) ALLAWAY G P; (WILD-I) WILD C T

CYC 96

PI WO 2001070262 A2 20010927 (200172)\* EN 84 A61K039-12 <--  
 RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ  
 NL OA PT SD SF SI SZ TR TZ UG ZW

DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
AU 2001043639 A 20011003 (200210) A61K039-12 <--  
US 2002010317 A1 20020124 (200210) A61K039-21  
EP 1267919 A2 20030102 (200310) EN A61K039-12  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI TR  
ZA 2002008266 A 20031231 (200408) 100 A61K000-00  
ADT WO 2001070262 A2 WO 2001-US8108 20010315; AU 2001043639 A AU 2001-43639  
20010315; US 2002010317 A1 Provisional US 2000-189981P 20000317; US  
2001-809060 20010316; EP 1267919 A2 EP 2001-916641 20010315, WO  
2001-US8108 20010315; ZA 2002008266 A ZA 2002-8266 20021014  
FDT AU 2001043639 A Based on WO 2001070262; EP 1267919 A2 Based on WO  
2001070262  
PRAI US 2000-189981P 20000317; US 2001-809060 20010316  
IC ICM A61K000-00; A61K039-12; A61K039-21  
ICS C07K014-16

L4 ANSWER 242 OF 246 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2001-602565 [68] WPIDS  
DNN N2001-449661 DNC C2001-178463  
TI An antibody for the treatment or prevention of HIV-infection comprises a  
gp120 portion which binds to DC-SIGN or is exposed upon gp120 binding of  
DC-SIGN due to concomitant conformational change.  
DC B04 D16 P14 S03  
IN GEIJTENBEEK, T; KWON, D; LITTMAN, D R; VAN KOOYK, Y; KOOYK, Y V  
PA (UYNY) UNIV NEW YORK STATE; (UYNI-N) UNIV NIJMEGEN; (GEIJ-I) GEIJTENBEEK  
T; (KOOY-I) KOOYK Y V; (KWON-I) KWON D; (LITT-I) LITTMAN D R  
CYC 96  
PI WO 2001064752 A2 20010907 (200168)\* EN 130 C07K016-10 <--  
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ  
NL OA PT SD SE SL SZ TR TZ UG ZW  
W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
AU 2001039921 A 20010912 (200204) C07K016-10 <--  
US 6391567 B1 20020521 (200239) G01N033-53  
EP 1263789 A2 20021211 (200301) EN C07K016-10  
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT  
RO SE SI TR  
US 2003064071 A1 20030403 (200325) A61K039-395  
ADT WO 2001064752 A2 WO 2001-US6322 20010228; AU 2001039921 A AU 2001-39921  
20010228; US 6391567 B1 US 2000-517605 20000302; EP 1263789 A2 EP  
2001-914547 20010228, WO 2001-US6322 20010228; US 2003064071 A1 Div ex US  
2000-517605 20000302, US 2002-151274 20020520  
FDT AU 2001039921 A Based on WO 2001064752; EP 1263789 A2 Based on WO  
2001064752; US 2003064071 A1 Div ex US 6391567  
PRAI US 2000-517605 20000302; US 2002-151274 20020520  
IC ICM A61K039-395; C07K016-10; G01N033-53  
ICS A01K067-027; A61K038-17; A61K039-00; A61K039-21; A61K039-39;  
A61P031-18; C07K014-705; C07K016-40; C12N005-00; C12N005-02;  
C12N005-06; C12N005-10; C12N005-20; C12N009-00; C12N015-00;  
C12Q001-02

L4 ANSWER 243 OF 246 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2001-025132 [03] WPIDS  
DNC C2001-007745  
TI Novel nucleic acid encoding a CD4-independent human immunodeficiency  
virus-1 env or its mutant, useful as vaccine for treating HIV-1 infection  
in humans.  
DC B04 D16  
IN DOMS, R W; HOFFMAN, T L; HOXIE, J A; LABRANCHE, C C  
PA (UYPE-N) UNIV PENNSYLVANIA; (UYDU-N) UNIV DUKE  
CYC 23  
PI WO 2000071561 A1 20001130 (200103)\* EN 120 C07H021-02 <--  
RW: AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
W: AU CA JP  
AU 2000051378 A 20001212 (200115) <--  
EP 1185545 A1 20020313 (200225) EN C07H021-02  
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
US 6420545 B1 20020716 (200248) C07H021-04  
US 2003091594 A1 20030515 (200335) A61K039-21  
ADT WO 2000071561 A1 WO 2000-US13487 20000516; AU 2000051378 A AU 2000-51378



US 6420545 B1 CIP of US 1999-317556 19990524, US 1999-337387 19990622; US 2003091594 A1 CIP of US 1999-317556 19990524, Div ex US 1999-337387 19990622, US 2002-196515 20020716

FDT AU 2000051378 A Based on WO 2000071561; EP 1185545 A1 Based on WO 2000071561; US 2003091594 A1 Div ex US 6420545

PRAI US 1999-337387 19990622; US 1999-317556 19990524; US 2002-196515 20020716

IC ICM A61K039-21; C07H021-02; C07H021-04  
ICS C12N005-00; C12N005-02; C12N007-00; C12N007-01; C12N015-00; C12N015-09; C12N015-63; C12N015-70; C12N015-74

L4 ANSWER 244 OF 246 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 2000-105663 [09] WPIDS  
DNC C2000-031695  
TI Use of compositions containing a receptor ligand and a receptor ligand binding molecule for treating e.g. infections, inflammatory or immune disease or disorder or cancers.  
DC B04  
IN BURNS, J M; DEVICO, A L; GALLO, R; LEWIS, G K  
PA (UYMA-N) UNIV MARYLAND BIOTECHNOLOGY INST  
CYC 87  
PI WO 9962535 A2 19991209 (200009)\* EN 70 A61K038-00 <--  
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL  
OA PT SD SE SL SZ UG ZW  
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT UA UG UZ VN YU ZA ZW  
AU 9943254 A 19991220 (200021) A61K038-00 <--  
EP 1100527 A2 20010523 (200130) EN A61K038-19 <--  
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
US 6399078 B1 20020604 (200242) A61K047-00  
ADT WO 9962535 A2 WO 1999-US12137 19990601; AU 9943254 A AU 1999-43254 19990601; EP 1100527 A2 EP 1999-955219 19990601, WO 1999-US12137 19990601; US 6399078 B1 Provisional US 1998-87436P 19980601, US 1999-323719 19990601  
FDT AU 9943254 A Based on WO 9962535; EP 1100527 A2 Based on WO 9962535  
PRAI US 1998-87436P 19980601; US 1999-323719 19990601  
IC ICM A61K038-00; A61K038-19; A61K047-00  
ICS A61K031-727; A61K038-17; A61K039-00; A61K045-00

L4 ANSWER 245 OF 246 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 1999-540564 [45] WPIDS  
DNC C1999-157859  
TI New G protein-coupled receptor-modulating agents, used for treating e.g. cancer, inflammation, asthma, obesity, depression, schizophrenia, anxiety or pain, or for controlling blood pressure.  
DC B04 D16  
IN MICHEJDA, C J; TARASOVA, N I  
PA (USSH) US DEPT HEALTH & HUMAN SERVICES  
CYC 85  
PI WO 9943711 A1 19990902 (199945)\* EN 77 C07K014-715 <--  
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL  
OA PT SD SE SL SZ UG ZW  
W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG US UZ VN YU ZW  
AU 9927984 A 19990915 (200004) C07K014-715 <--  
EP 1056778 A1 20001206 (200064) EN C07K014-715 <--  
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE  
AU 760208 B 20030508 (200337) C07K014-715  
ADT WO 9943711 A1 WO 1999-US4438 19990226; AU 9927984 A AU 1999-27984 19990226; EP 1056778 A1 EP 1999-908589 19990226, WO 1999-US4438 19990226; AU 760208 B AU 1999-27984 19990226  
FDT AU 9927984 A Based on WO 9943711; EP 1056778 A1 Based on WO 9943711; AU 760208 B Previous Publ. AU 9927984, Based on WO 9943711  
PRAI US 1998-76105P 19980227  
IC ICM C07K014-715  
ICS A61K038-19

L4 ANSWER 246 OF 246 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN  
AN 1998-086961 [08] WPIDS  
CR 1998-240778 [21]  
DNN N1998-069009 DNC C1998-029494  
TI Diagnosis, prognosis and treatment of HIV infection - using a system

HIV infection.  
DC B04 D16 P14 S03  
IN CHOE, H; GERARD, C; GERARD, N; NEWMAN, W; SODROSKI, J G; WU, L  
PA (DAND) DANA FARBER CANCER INST INC; (LEUK-N) LEUKOSITE INC; (DAND) DANA  
FARBER CANCER INST  
CYC 21  
PI WO 9800535 A2 19980108 (199808)\* EN 122 C12N015-09 <--  
RW: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
W: AU CA JP US  
AU 9739607 A 19980121 (199825) C12N015-09 <--  
ADT WO 9800535 A2 WO 1997-US12701 19970627; AU 9739607 A AU 1997-39607  
19970627  
FDT AU 9739607 A Based on WO 9800535  
PRAI US 1997-36729P 19970124; US 1996-20830P 19960628;  
US 1996-27931P 19961009  
IC ICM C12N015-09  
ICS A01K067-027; A61K038-19; A61K039-395; A61K047-48; C07K014-16;  
C07K014-715; C12N005-10; G01N033-569; G01N033-68  
STN INTERNATIONAL LOGOFF AT 15:16:25 ON 03 MAY 2004